

Parker's
EPHEMERIS

For the YEAR of Our LORD

1771.

Being the Third after Bissextile or Leap-Year.

The EIGHTY SECOND IMPRESSION.



L O N D O N :

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STATIONERS, 1771.

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A Table of Terms and their Returns, 1771.

Hilary Term begins *Jan. 23*, ends *Feb. 12*.

| Returns or Fifteign-days. | Exc. | Ret. | Ap. | W. D. |
|---|----------------|------|-----|-------|
| In eight Days of St. Hilary, | <i>Jan. 26</i> | 21 | 22 | 23 |
| From the Day of St. Hilary in 15 Days, | 27 | 28 | 29 | 30 |
| On the Morrow of the Purif. Blessed <i>Mary</i> , <i>Feb. 3</i> | 3 | 4 | 5 | 6 |
| In eight Days of the Purif. of Blessed <i>Mary</i> , | 5 | 10 | 11 | 12 |

Easter Term begins *Apr. 17*, ends *May 13*.

| | | | | | | |
|------------------------------------|--------------|----|----|----|-------|-------|
| From the Day of Easter in 15 Days, | <i>April</i> | 14 | 15 | 16 | 17 | Weds. |
| From the Day of Easter in 3 Weeks, | 21 | 22 | 23 | 24 | Weds. | |
| From the Day of Easter in 1 Month, | 28 | 29 | 30 | 31 | M | Weds. |
| From the Day of Easter in 5 Weeks, | <i>May</i> | 5 | 6 | 7 | 8 | Weds. |
| On the Morrow of the Ascension, | 10 | 11 | 12 | 13 | M | Weds. |

Trinity Term begins *May 31*, ends *June 19*.

| | | | | | |
|------------------------------------|---------------|----|----|----|--------|
| On the Morrow of the Holy Trinity, | <i>May 27</i> | 28 | 29 | 31 | Friday |
| In 8 Days of the Holy Trinity, | <i>June 2</i> | 3 | 4 | 5 | Weds. |
| In 15 Days of the Holy Trinity, | 9 | 10 | 11 | 12 | Weds. |
| In 3 Weeks of the Holy Trinity, | 16 | 17 | 18 | 19 | Weds. |

Michaelmas Term begins *Nov. 6*, ends *Nov. 28*.

| | | | | | |
|------------------------------|---------------|----|----|----|---------|
| On the Morrow of All Souls, | <i>Nov. 3</i> | 4 | 5 | 6 | Weds. |
| On the Morrow of St. Martin, | 12 | 13 | 14 | 15 | Friday. |
| In eight Days of St. Martin, | 18 | 19 | 20 | 21 | Thursd. |
| In 15 Days of St. Martin, | 25 | 26 | 27 | 28 | Thursd. |

N. B. No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note. That the first and last Days of every Term, are the first and last Days of Appearance.

Common Notes for the Year 1771.

| | |
|---------------------|----|
| Golden Number | 5 |
| Cycle of the Sun | 16 |
| The Epact | 14 |
| Dominical Letter | F |
| Number of Direction | 10 |
| Roman Indiction | 4 |

January bath xxxi Days.

Full moon 1 Day at 9 morn.
Last quart. 7 Day at midnight.
New moon 15 Day at 10 at night.
First quart. 24 Day 1 morn.
Full moon 30 day at 7 night.

| M. | Sundays and D. Saints Days, &c. | Moon South. | Moon rises. |
|----|------------------------------------|----------------|----------------|
| 1 | Circumcise. | Morn. 4A. 39 | |
| 2 | | 0 34 6 1 | |
| 3 | | 1 32 7 24 | |
| 4 | | 2 29 8 46 | |
| 5 | Old Christm Day. | 3 27 10 7 | |
| 6 | Fri. Saw. aft. Christ. | Epiph. | |
| 7 | Plow Monday | 5 4 | Morn. |
| 8 | | 5 54 0 36 | |
| 9 | | 6 43 1 43 | |
| 10 | | 7 32 2 49 | |
| 11 | | 8 21 4 3 | |
| 12 | Old New-year'sd. | 9 9 5 0 | |
| 13 | Fri. Sun. aft. Epiph. | Hilary | Cam. |
| 14 | Oxford Term beg. | 10 48 | T. big |
| 15 | | 11 36 | sets |
| 16 | | 10A. 21 | 5A. 12 |
| 17 | Old Twelfth day | 1 4 6 16 | |
| 18 | Q. Char. B. D k p | 1 48 7 20 | |
| 19 | | 2 29 8 24 | |
| 20 | Fri. Sun. aft. Epiph. | 3 12 9 29 | |
| 21 | Agnes | 3 55 10 35 | |
| 22 | | 4 38 11 43 | |
| 23 | Term begins | 5 24 | Morn. |
| 24 | | 6 14 0 53 | |
| 25 | Conv. of St. Paul | 7 6 2 3 | |
| 26 | | 8 3 3 11 | |
| 27 | Fri. Septuages. Sund. | 9 4 4 16 | |
| 28 | | 10 5 5 13 | |
| 29 | | 11 4 6 1 | |
| 30 | K. Cha. I. mart. | Morn. | rises. |
| 31 | | 0 3 6A. 6 | |

February bath xxviii Days.

Last quart. 6 day at 2 astern.
New moon 14 day at 5 astern.
First quart. 22 day at 2 astern.

| IV. | Sundays and D. St. in's Days, &c. | Moon South. | Moon rises. |
|-----|--------------------------------------|-----------------|----------------|
| 1 | | 1M 0 | 7A. 31 |
| 2 | Purif. B. V. Mary | 1 56 8 53 | |
| 3 | F Sexagesima Sund. | 8A. 16 10 12 | |
| 4 | Agatha | 3 29 11 27 | |
| 5 | | 5 30 Morn. | |
| 6 | | 5 21 0 35 | |
| 7 | | 6 11 1 46 | |
| 8 | | 7 2 2 47 | |
| 9 | | 7 52 3 42 | |
| 10 | F Shrove Sunday | Quinquagesima | |
| 11 | | 9 28 5 5 | |
| 12 | Shrove Tuesday | Term ends | |
| 13 | Fri. Wednesday | O. Candlem. day | |
| 14 | Valentine | 11 4 11 sets. | |
| 15 | | 10A. 23 6A. 12 | |
| 16 | | 1 8 7 16 | |
| 17 | F Sund. in Lent | 1 51 8 23 | |
| 18 | | 2 35 9 31 | |
| 19 | | 3 2C 10 38 | |
| 20 | Ember Week | 4 8 11 48 | |
| 21 | | 5 1 Morn. | |
| 22 | | 5 53 0 55 | |
| 23 | | 6 49 2 C | |
| 24 | F Sund. in Lent | St. Ma. thia | |
| 25 | | 8 46 3 50 | |
| 26 | | 9 45 4 33 | |
| 27 | | 10 41 5 9 | |
| 28 | | 11 37 5 40 | |

The happy Isles, where endless Pleasures wait,
Are stell'd by tuneful Bards, The Fortunate.
Eternal Spring with smiling Verdure here,
Warms the mild Air, and crowns the youthful Year.

Match hath xxxi Days.

Full moon 1 day at 5 morn.
Last quart. 8 day at 7 morn.
New moon 16 day at 11 morn.
First quart. 23 day at midni. ht.
Full moon 30 day at 3 aftern.

| M. | Sundays and D. Saints D. ys. &c. | Moon South. | Moon rises. |
|----|-------------------------------------|----------------|----------------|
| 1 | Day a | Morn. | 6A. 22 |
| 2 | Cesa | 0 33 | 7 44 |
| 3 | F Sund. in Lent | 1 26 | 9 4 |
| 4 | | 2 21 | 10 21 |
| 5 | F Pres. Hesse born | 3 14 | 11 33 |
| 6 | | 4 6 | Morn. |
| 7 | | 4 58 | 0 39 |
| 8 | | 5 48 | 1 37 |
| 9 | F Midlent Sunday | 6 38 | 2 27 |
| 10 | | 7 27 | 3 8 |
| 11 | | 8 14 | 3 43 |
| 12 | Gregory | 9 1 | 4 13 |
| 13 | | 9 41 | 4 37 |
| 14 | | 10 28 | 4 59 |
| 15 | | 11 11 | 5 21 |
| 16 | F Sund. in Lent | 11 54 | 6 sets. |
| 17 | St. Patrick | 1A. 24 | 8 35 |
| 18 | Edw. K. W. Sa. | 2 13 | 9 45 |
| 19 | | 3 2 | 10 52 |
| 20 | | 3 55 | 11 58 |
| 21 | Benedict | 4 49 | Morn. |
| 22 | Cam. Term ends | 5 47 | 0 59 |
| 23 | Oxf. Term ends | 6 43 | 1 51 |
| 24 | F Palm Sunday | 7 28 | 2 38 |
| 25 | F Lady Day | 8 36 | 3 12 |
| 26 | | 9 32 | 3 44 |
| 27 | | 0 24 | 4 12 |
| 28 | Maudy. Thursd. | 11 18 | 4 41 |
| 29 | G Good Friday | Morn. | Rises. |
| 30 | F Easter Day | 0 12 | 8A. 1 |

April hath xxx Days.

Last quarter 7 day at 1 morn.
New moon 15 day at 3 morn.
First quarter 22 day at 7 morn.
Full moon 29 day at 2 morn.

| M. | Sundays and D. Saints Days, &c. | Moon South. | Moon rises. |
|----|------------------------------------|----------------|----------------|
| 1 | E Easter Monday | 1M 6 | 9A. 17 |
| 2 | F Easter Tuesday | 2 6 | 0 28 |
| 3 | Richard | 2 50 | 1 31 |
| 4 | St. Ambrose | 3 48 | Morn. |
| 5 | Old Lady Day | 4 36 | 0 26 |
| 6 | | 5 29 | 1 12 |
| 7 | F Low Sunday | 6 17 | 1 49 |
| 8 | | 7 3 | 2 21 |
| 9 | | 7 48 | 2 48 |
| 10 | Oxf. & Cam. T.b. | 8 21 | 3 11 |
| 11 | | 9 14 | 3 32 |
| 12 | | 9 58 | 3 53 |
| 13 | F Sund. aft. Easter | 10 42 | 4 14 |
| 14 | | 11 27 | 4 37 |
| 15 | | 1A. 15 | 5 sets. |
| 16 | | 1 6 | 8A. 50 |
| 17 | Term begins | 1 56 | 9 57 |
| 18 | | 2 53 | 11 0 |
| 19 | Alphage | 3 46 | 11 55 |
| 20 | | 4 46 | Morn. |
| 21 | F Sund. aft. Easter | 5 42 | 0 41 |
| 22 | | 6 37 | 1 20 |
| 23 | St. George | 7 31 | 1 53 |
| 24 | | 8 2 | 2 22 |
| 25 | St. Mark | 9 16 | 2 47 |
| 26 | | 10 8 | 3 13 |
| 27 | F Sund. aft. Easter | 11 6 | 3 39 |
| 28 | | 11 53 | 4 7 |
| 29 | | Morn. | Rises. |
| 30 | | 0 46 | 9A. 21 |

From crystal rocks transparent riv'lets flow ;
The rose still blushes, and the violets blow.
The vine undres'd her swelling clusters bears ;
The lab'ring hind the mellow olives chears ;

May hath xxxi Days.

Last quart. 6 day at 7 night.
New moon 14 day at 3 afern.
First quart. 21 day at noon.
Full moon 28 day at 1 aften.

M. Sundays and
D. Saints Days, &c.

1 St. Phil. & Jam.

2

3 Inv. of the Cross

4

F Rogat. Sunday

6 St. John A. P. L.

7

8

9 Holy Thursday

10

F 6 Sun. aft. East.

11 Term ends.

12

13 Whit-Sunday

14 Whit-Monday

15

16 Oxf. Term ends.

17

18

19

20

21

22

23

24

25

F 26

Ven. Rede.

27

28

29

30

31

Moon
Sents.

1 M 38

2 34

3 26

4 15

5 2

6 47

7 31

8 14

9 57

10 40

11 25

Old May Day.

12 59

13 36

14 50

15 0A.48

16 46

17 44

18 41

19

20

21

22

23

24

25

26

27

28

29

30

31

Term begins

Moon
rises.

10 A20

11 11

11 51

Morn.

0 26

1 23

2 54

3 19

4 41

5 2

6 23

7 57

8 46

9 23

10 54

11 43

12 31

13 19

14 11

15 27

16 55

17 45

18 33

19 22

20 11

21 0

22 25

23 43

24 14

25 43

26 14

27 25

28 43

29 14

30 43

31 14

June hath xxx Days.

Last quart. 5 day at 1 aften.
New moon 13 day at 1 morn.
First quart. 19 day at 5 aften.
Full moon 27 day at 2 morn.

M. Sundays and
D. Saints Days, &c.

1 Nicomede

F 1 Sun. aft. Trin.

3

4 K. G. III. born.

5 Boniface.

6

7

8

F 2 Sun. aft. Trin.

10 Pet. Amel. born.

11 St. Barnabas

12

13

14

15

2 Sun. aft. Trin.

17 St. Alban

18

19 Term ends

20 Tr. Edw. K.W.S.

21 Longest Day

22

23

24 4 Sun. aft. Trin.

25 St. John Baptit.

26

27

28

29 St. Peter

30 F 5 Sun. aft. Trin.

31

1 M. 4

2 40

3 21

4 24

5 44

Morn.

6 0

7 49

8 0

9 24

10 28

11 2

12 25

13 2

14 25

15 9

16 46

17 46

18 46

19 46

20 46

21 46

22 46

23 46

24 46

25 46

26 46

27 46

28 46

29 46

30 46

31 46

1 M. 4

2 40

3 21

4 44

5 Morn.

6 0

7 49

8 0

9 24

10 46

11 46

12 46

13 46

14 46

15 46

16 46

17 46

18 46

19 46

20 46

21 46

22 46

23 46

24 46

25 46

26 46

27 46

28 46

29 46

30 46

31 46

1 M. 4

2 40

3 21

4 44

5 Morn.

6 0

7 49

8 0

9 24

10 46

11 46

12 46

13 46

14 46

15 46

16 46

17 46

18 46

19 46

20 46

21 46

22 46

23 46

24 46

25 46

26 46

27 46

28 46

29 46

30 46

31 46

1 M. 4

2 40

3 21

4 44

5 Morn.

6 0

7 49

8 0

9 24

10 46

11 46

12 46

13 46

14 46

15 46

16 46

17 46

18 46

19 46

20 46

21 46

22 46

23 46

24 46

25 46

26 46

27 46

28 46

29 46

30 46

31 46

1 M. 4

2 40

3 21

4 44

5 Morn.

6 0

7 49

8 0

9 24

10 46

11 46

12 46

13 46

14 46

15 46

16 46

17 46

18 46

19 46

20 46

21 46

22 46

23 46

24 46

25 46

26 46

27 46

28 46

29 46

30 46

31 46

1 M. 4

2 40

3 21

4 44

5 Morn.

6 0

7 49

8 0

9 24

10 46

11 46

12 46

13 46

14 46

July hath xxxi Days.

Last quart. 5 day at 5 morn.
New moon 12 day at 9 morn.
First quart. 18 day at 11 night.
Full moon 26 day at 4 aftern.

| M. | Sundays and D. Saints Days, &c. | Moon South. | Moon rises. |
|----|------------------------------------|-----------------|----------------|
| 1 | | 2M58 | 0A. 5 |
| 2 | Camb. Commoner. | Visit. B. V. M. | |
| 3 | | 4 22 | 10 46 |
| 4 | | 5 4 | 11 6 |
| 5 | Camb. Term ends | Old Mids. Day | |
| 6 | | 6 3 | 11 47 |
| 7 | F 6 Sund. aft. Trin. | Thom. à B. cke | |
| 8 | Oxford A&T | 8 10 | 0M20 |
| 9 | | 9 4 | 1 8 |
| 10 | | 10 3 | 2 0 |
| 11 | | 11 2 | 3 1 |
| 12 | | 0A. 5 | 4 sets. |
| 13 | Oxf. Term ends | 1 3 | 5A. 23 |
| 14 | F 7 Sund. aft. Trin. | 2 0 | 8 53 |
| 15 | Swithin | 2 5 | 9 21 |
| 16 | | 3 47 | 9 46 |
| 17 | | 4 40 | 10 11 |
| 18 | | 5 31 | 10 39 |
| 19 | | 6 21 | 11 9 |
| 20 | Margaret | 7 13 | 11 45 |
| 21 | F 8 Sund. aft. Trin. | 8 5 | Morn. |
| 22 | Q. Denmark b&t. | St. Mary Mag. | |
| 23 | | 9 46 | 1 13 |
| 24 | | 10 35 | 2 6 |
| 25 | St. James | 11 24 | 3 4 |
| 26 | St. Anne, Mother | Morn. | 4 morn. |
| 27 | of the B. V. Mary | 0 9 | 7A. 40 |
| 28 | F 9 Sund. aft. Trin. | 0 53 | 8 7 |
| 29 | | 1 35 | 8 29 |
| 30 | Dag Days begin | 2 17 | 8 48 |
| 31 | | 2 59 | 9 10 |

August hath xxxi Days.

Last quart. 3 day at 7 aftern.
New moon 10 day at 4 aftern.
First quart. 17 day at 8 morn.
Full moon 25 day at 7 morn.

| M. | Sundays and D. Saints Days, &c. | Moon South. | Moon rises. |
|----|------------------------------------|---------------------|----------------|
| 1 | Lammas Day | 3M4 | 9A. 32 |
| 2 | | 4 26 | 9 57 |
| 3 | | 5 13 | 10 26 |
| 4 | F 10 Sund. aft. Trin. | 6 1 | 11 2 |
| 5 | | 6 52 | 11 46 |
| 6 | Transfiguration | 7 46 | Morn. |
| 7 | | 8 44 | 0 41 |
| 8 | | 9 43 | 1 48 |
| 9 | | 10 43 | 3 33 |
| 10 | St. Laurence | 11 42 | 4 sets. |
| 11 | F 11 Sund. aft. Trin. | Prs. Brus. 11w. 50* | |
| 12 | Pr. of Wales b&t. | Old m. Day | |
| 13 | | 2A. 31 | 8A. 15 |
| 14 | | 3 24 | 8 43 |
| 15 | Assump. B. V. M. | 4 17 | 9 14 |
| 16 | Pr. Fred. born | 5 1 | 9 48 |
| 17 | | 6 2 | 10 27 |
| 18 | F 12 Sund. aft. Trin. | 6 55 | 11 13 |
| 19 | | 7 46 | Morn. |
| 20 | | 8 37 | 0 5 |
| 21 | Pr. Will. Hen. b&t. | 9 23 | 1 1 |
| 22 | | 10 10 | 2 0 |
| 23 | | 0 55 | 3 4 |
| 24 | St. Bartholomew | 11 39 | 4 8 |
| 25 | F 13 Sund. aft. Trin. | Morn. | 4 rises. |
| 26 | | 0 22 | 7A. 0 |
| 27 | | 1 4 | 7 20 |
| 28 | St. Augustine | 1 46 | 7 43 |
| 29 | Decol. St. J. Bapt. | 2 30 | 8 7 |
| 30 | | 3 15 | 8 35 |
| 31 | | 4 2 | 9 9 |

No blast e'er discompose the peaceful sky ;
The springs but murmur and the winds but sigh.
The tuneful swans on gliding rivers float,
And warbling dirges die on ev'ry note.

September hath xxx Days.

Last quart. 2 day at 7 morn.
New moon 8 day at 11 night.
First quart. 15 day at 8 night.
Full moon 23 day at midn.

M Sundays and
D. Saints Days, &c.

F 14 Sund. aft. Trin.

2 London burnt,

3 606, O. &c.,

4

5

6

7 Dog Days end

F 15 Sund. aft. Trin.

9

10

11

12

13

14 Holy Cross Day

W 16 Sund. aft. Trin.

16

17 Lambert

18 Ember Week

19

20

21 St. Matthew

T 17 Sund. aft. Trin.

23

24

25

26 St. Cyprian

27

28

J 18 Sund. aft. Trin.

30 St. Jerome

November hath xxx days.

New moon 6 day at 7 night.
First quart. 14 day at 8 morn.
Full moon 22 day at 9 morn.
Last quart. 29 day at 9 morn

| D. | Sundays and D. Saints D.ys. &c. | Moon South. | Moon rises. |
|----|------------------------------------|-----------------|----------------|
| 1 | All Saints | 7 M 1 | 6 M 15 |
| 2 | Pr. Edward born | All Sou. | 1 33 |
| 3 | F 23 Sund.aft. Trin. | 9 2 | 2 52 |
| 4 | | 9 55 | 4 12 |
| 5 | Papists Conspir. | 10 47 | 5 32 |
| 6 | Term begins | 11 41 | 3 tets. |
| 7 | D. Cumb. born | 10 A. 40 | 5 A. 11 |
| 8 | Pr. Soph. Aug. bo | 1 36 | 5 57 |
| 9 | L. May. D. at Lon. | 2 30 | 5 50 |
| 10 | F 24 Sund.aft. Trin. | 3 2 | 7 50 |
| 11 | St. Martin | 4 12 | 8 52 |
| 12 | | 5 1 | 9 5 |
| 13 | Britius | 5 47 | 10 58 |
| 14 | | 6 31 | Morn. |
| 15 | Machutus | 7 13 | 0 1 |
| 16 | | 7 54 | 1 5 |
| 17 | F 25 Sund.aft. Trin. | Hugh B. of Lin. | |
| 18 | | 9 19 | 3 12 |
| 19 | | 10 5 | 4 17 |
| 20 | Edmund K. & M. | 10 54 | 5 2 |
| 21 | | 11 44 | 6 31 |
| 22 | Old Mart. Day | Morn. | 7 26 |
| 23 | St. Clement | 0 35 | Morn. rises. |
| 24 | F 26 Sund.aft. Trin. | 1 29 | 6 A. 27 |
| 25 | D. Glouce. born | 2 24 | 7 33 |
| 26 | | 3 20 | 8 45 |
| 27 | | 4 15 | 10 0 |
| 28 | Term ends | 5 9 | 11 16 |
| 29 | | 5 58 | Morn. |
| 30 | St. Andrew | Pr. Do. Wal. b. | |

December hath xxxi Days.

New moon 6 day at 8 morn.
First quarter 14 day at 5 morn.
Full moon 21 day at 11 night.
Last quarter 28 day at 5 night

| D. | Sundays and D. Saints Days, &c. | Moon South | Moon rises. |
|----|------------------------------------|------------------|----------------|
| 1 | Advent Sunday | 7 M 42 | 1 M 49 |
| 2 | | 8 34 | 3 7 |
| 3 | | 9 26 | 4 23 |
| 4 | | 10 19 | 5 37 |
| 5 | | 11 14 | 6 37 |
| 6 | N.colas | 0 9. 30 | D. tets. |
| 7 | | 1 4 | 5 A. 26 |
| 8 | F 2 Sund.in Advent | Concep. B. V. M. | |
| 9 | | 1 44 | 7 29 |
| 10 | | 3 30 | 8 33 |
| 11 | | 4 15 | 9 38 |
| 12 | | 4 57 | 10 41 |
| 13 | Lucy | 5 39 | 11 44 |
| 14 | | 6 21 | Morn. |
| 15 | F 3 Sund.in Advent | 7 3 | 0 47 |
| 16 | Cam. Term ends | 7 47 | 1 50 |
| 17 | Oxf. Term ends | 8 33 | 2 56 |
| 18 | Ember Week | 9 21 | 4 2 |
| 19 | | 10 12 | 5 7 |
| 20 | | 6 6 | 11 |
| 21 | St. Thomas | | Shortest D. y. |
| 22 | F 4 Sund.in Advent | 0 M 2 | D. rises. |
| 23 | | 0 58 | 6 A. 17 |
| 24 | | 1 54 | 7 33 |
| 25 | Christmas Day | 2 49 | 8 51 |
| 26 | St. Stephen | 3 44 | 10 9 |
| 27 | St. John Evang. | 4 35 | 11 26 |
| 28 | Holy Innocents | 5 | Morn. |
| 29 | 1 Sun. at Christm. | 6 18 | 0 42 |
| 30 | | 7 8 | 1 58 |
| 31 | Silvester | 8 0 | 3 12 |

Mild seasons, rising hills, and silent dales,
Cool grottos, silver brooks, and flow'ry vales,
In this blest climate all the circling year prevails.

THE FOUR QUARTERS OF THE YEAR 1771.

THE SPRING QUARTER begins on the 20th Day of March, 10 Minutes past 7 in the Afternoon, Apparent Time.

The SUMMER QUARTER begins June 21, 58 Minutes past 5 in the Afternoon.

The AUTUMNAL QUARTER begins Sept. 23, 38 Minutes past 7 in the Morning.

The WINTER QUARTER begins Dec. 21, 24 Minutes past 11 at Night.



Of the ECLIPSES this YEAR, 1771.

THIS Year will produce four Eclipses, two of each Luminary, which will happen in the following Order.

The first Eclipse is of the Moon, and will be Visible if Clouds interpose not: It will happen on Monday the 29th Day of April according to the following Calculation.

| | London. | Yorke. | Edinb. | |
|-----------------|-------------|---------|---------|--------------------------------------|
| Begins | 0 57 55 | 0 53 28 | 0 44 42 | April the 29th in the Morning. |
| Middle | 1 59 29 | 1 55 2 | 1 46 16 | |
| Ends | 3 1 | 2 56 36 | 2 47 50 | |
| Duration | 2 3 8 2 3 9 | 2 3 8 | | |
| Digits eclipsed | 3 51 0 | 3 51 0 | 3 51 0 | |

The

Of the Eclipses this Year, 1771.

The second Eclipse is of the Sun, and will happen on the 14th Day of *May*, near our 3 o'clock in the Afternoon; but will be invisible to us, and to all these Parts of the Earth.

The third Eclipse is of the Moon, on the 23d Day of *October*, and will be Part Visible here, according to the following Calculation.

| | London. | York. | Edinb. | |
|-----------------|----------|----------|----------|--------------|
| | h. m. s. | h. m. s. | h. m. s. | |
| Begins | 3 37 21 | 3 32 54 | 3 24 8 | |
| Middle | 4 42 31 | 4 38 4 | 4 29 18 | Oct. the 23d |
| Ends | 5 47 41 | 5 43 14 | 5 34 28 | in the |
| Duration | 2 10 20 | 2 10 20 | 2 10 20 | Afternoon. |
| Digits eclipsed | 3 52 0 | 3 52 0 | 3 52 0 | |

The Moon will rise (allowing for her Parallax and Refraction) at 4 Hours 59 Minutes almost 2 Digits Eclipsed.

The fourth Eclipse is of the Sun, and will happen on the 6th Day of *November*, near our 7 o'Clock at Night. Invisible here, but Visible to several Parts of America.

A T.

A TABLE of the K I N G S and Q U E E N S of England
since the Conquest.

| Kings and Queens. | Born A. D. | Began their Reign. | Reigned Y. M. D. | Age | Rem. Deaths and Dethron. | Where Buried. |
|----------------------|---------------|-----------------------|---------------------|-----|-----------------------------|------------------|
| Will. Conq. | 1027 | 1060 Oct. 14 | 20 10 20 | 60 | Bentley Leas. | Cen Norm. |
| Will. Rufus | 1057 | 1087 Sept. 9 | 12 10 24 | 43 | Slain acciden- | Winchester |
| Henry I | 1058 | 1100 Aug. 2 | 35 4 0 | 77 | tally. | Reading |
| Stephen | 1105 | 1135 Dec. 1 | 18 10 24 | 49 | | Faversham |
| Henry II | 1134 | 1154 Oct. 25 | 34 8 12 | 55 | | Fontevraud |
| Richard I | 1156 | 1189 July 6 | 9 9 0 | 43 | Slain with an | Fontevraud |
| John | 1166 | 1199 April 6 | 17 6 13 | 50 | Arrow. | Worcester |
| Henry III | 1207 | 1216 Oct. 19 | 36 0 28 | 65 | | Westminster |
| Edward I | 1239 | 1272 Nov. 16 | 34 7 21 | 67 | | Westminster |
| Edward II | 1284 | 1307 July 7 | 39 6 13 | 43 | | Gloucester |
| Edward III | 1312 | 1327 Jan. 20 | 50 5 1 | 65 | | Westminster |
| Richard II | 1367 | 1377 June 1 | 22 3 8 | 33 | Dep. & Murd. | Westminster |
| Henry IV | 1399 | 1399 Sept. 29 | 23 5 21 | 46 | | Canterbury |
| Henry V | 1413 | 1413 Mar. 20 | 9 5 11 | 33 | | Westminster |
| Henry VI | 1421 | 1422 Aug. 31 | 38 6 4 | 49 | Dep. & Murd. | Windsor |
| Edward IV | 1442 | 1461 Mar. 4 | 22 1 5 | 41 | | Windfor |
| Edward V | 1471 | 1483 April 9 | 0 2 15 | 12 | Murder'd. | Not known |
| Richard III | 1443 | 1483 June 22 | 2 2 0 | 42 | Slain in Battle. | Leicester |
| Henry VII | 1457 | 1485 Aug. 22 | 23 8 0 | 52 | | Westminster |
| Henry VIII | 1492 | 1509 April 22 | 37 9 6 | 55 | | Windsor |
| Edward VI | 1537 | 1547 Jan. 28 | 6 5 9 | 15 | | Westminster |
| Mary I | 1516 | 1553 July 6 | 5 4 11 | 42 | Died of Grief. | Westminster |
| Elizabeth | 1533 | 1558 Nov. 17 | 44 4 7 | 69 | | Westminster |
| James I | 1566 | 1603 Mar. 24 | 22 6 3 | 58 | | Westminster |
| Charles I | 1600 | 1625 Mar. 27 | 23 10 3 | 48 | Murder'd by | Windsor |
| Charles II | 1630 | 1649 Jan. 30 | 36 0 7 | 54 | Willians. | Westminster |
| James II | 1633 | 1683 Feb. 6 | 4 0 7 | 67 | Abdicated. | St. Germain |
| Mary II | 1662 | 1689 Feb. 13 | 5 10 15 | 32 | | Westminster |
| William III | 1688 | 1689 Feb. 13 | 13 0 23 | 52 | Kill'd by a Fall | Westminster |
| Anne | 1685 | 1702 Mar. 8 | 12 4 24 | 49 | from his Horse | Westminster |
| George I | 1660 | 1714 Aug. 1 | 12 10 10 | 67 | | Hanover |
| George II | 1683 | 1727 June 1 | 33 4 14 | 77 | | Westminster |
| George III | 1738 | 1760 Oct. 21 | Whom God preserve. | | | |

The Presidents of the several Hospitals of LONDON.

Sir Robert Ladbroke,
Hon. Thomas Harley, } President of } Christ Church Hosp.
Sir Richard Glyn, } St Bartholomew's Ho.
William Nash, Esq; } Bethlem and Bridew
St Thomas's Hosp.
A brief

*A brief Chronology of memorable Things to the
present Year 1771.*

| | |
|--|-------|
| Since the vast Fabrick of the World was founded | 5821 |
| Since N ^o ah's Flood by which the World was drowned | 4163 |
| Since Fire and Brimstone Sodom did destroy | 3063 |
| Since the Destruction of renowned Troy | 2953 |
| Since ancient London was by Lud erected | 2878 |
| Since York's first Plat and Building was effected | 2760 |
| Since Canterbury's Bals first was laid | 2663 |
| Since Rome's first Wings o'er seven Hills were spread | 2523 |
| Since Jesus Christ at Bethlehem was born | 1771 |
| Since crucify'd with Cruelty and Scorn | 1738 |
| Since England first the Christian Faith receiv'd | 1691 |
| Since London's Tower was built (as 'tis believ'd) | 1206 |
| Since England's Conqueror this Nation won | 705 |
| Since to be built Westminster Hall begun | 681 |
| Since London-Bridge was finished with Stones | 562 |
| Since the Invention of destructive Guns | 393 |
| Since the first Use of Printing was inspired | 312 |
| Since St. Paul's Steeple was by Lightning fired | 210 |
| Since that vile Project Guido Vaux's Plot | 210 |
| Since th' Irish Massacre, not ye: forgot | 165 |
| Since noble Strafford on the Scaffold fell | 130 |
| Since Edge Hill Fight, whereof loud Fame doth tell | 129 |
| Since Cheapside-Cross was by the Saints pull'd down | 128 |
| Since Moses's Tables were of mean Renown | 128 |
| Since Newbury Fight with Crimson dy'd the Field | 128 |
| Since Pious Laud to Martyrdom did yield | 127 |
| Since good King Charles resign'd his Royal Head | 122 |
| Since Virtue, Truth and Justice all lay dead | 122 |
| Since George Fox first began the Quakers Sect | 121 |
| Since Nol usurp'd the Power to protect | 117 |
| Since Death and Vengeance did for Cromwell call | 113 |
| Since Dick his Son did from his Greatness fall | 112 |
| Since Charles the Second to White-Hall return'd | 111 |
| Since good Men for't rjoyc'd, and Rebels mourn'd | 111 |
| Since Rebels were at Charing-Cross dissected | 111 |
| Since London was with the great Plague infected | 106 |
| Since London's dreadful Fire in September | 105 |
| Since the great Blazing Comet in December | 104 |
| Since the vile Plot at Rye H ^{ouse} was detected | 83 |
| Since Booths and Stalls were on the Thames erected | 87 |
| Since the fam'd Date for Perjury was stripp'd Of's Priestly Habit, and through London whipp'd | 86 |
| | Since |

A brief Chronology of memorable Things.

| | |
|--|----|
| Since James the Second did the Throne ascend | 86 |
| Since he to Monmouth's Treason put an End | 85 |
| Since the seven Bishops to the Tower were sent | 83 |
| Since the Lord Jeffries thither also went | 83 |
| Since the Prince of Orange landed at Torbay | 83 |
| Since late King James to France did make his Way | 83 |
| Since William and Mary at Westminster were crown'd | 82 |
| Since War with France the Trumpet loud did sound | 82 |
| Since such vall Numbers at the Boyne were slain | 81 |
| Since French and Irish Gore did Agram stain | 80 |
| Since Mary our Queen pale Death did surround | 77 |
| Since he gave Gloucester's Duke a mortal Wound | 71 |
| Since Great Queen ANNE unto the Throne ascended | 69 |
| Since War proclaim'd with France which now is ended | 69 |
| Since the late High Wind in the Month November | 68 |
| Since Blenheim Fight, which well the French remember | 67 |
| Since EMES the Prophet was in his Grave interr'd | 64 |
| Since his sham Resurrection plain appear'd | 63 |
| Since the Two Kingdoms did in One unite | 63 |
| Since fatal Death depriv'd Prince George of Sight | 63 |
| Since that fam'd Priest Sacheverel was try'd | 61 |
| Since that great Surgeon Serjeant Barnard dy'd | 61 |
| Since Ormond's Duke our General became | 59 |
| Since France gave Dunkirk to ANNE our Royal Dame | 59 |
| Since Hamilton's Duke in Duel lost his Life | 59 |
| Since ANNA's Death renew'd our factious Strife | 57 |
| Since Perkin dy'd the 8 att'p Real'm accost | 56 |
| Since Traitors Hoies in Preston Fight were lost | 56 |
| Since haughty Spain Gibraltar did blockade | 44 |
| Since at Seville a firm Peace was made | 42 |
| Since Spain reviv'd the Peace of Seville | 40 |
| Since Germans, Dutch, and Britons did agree | 40 |
| Since Spain in the Vienna Treaty join'd | 40 |
| Since our broad Gold was into Guineas coin'd | 38 |
| Since we with Spain an open War procl. m'd | 32 |
| Since Porto Bello was taken and unfram'd | 32 |
| Since the great Frost that starv'd both Beast and Men | 31 |
| Since Prince Vauxour shone at Dettingen | 28 |
| Since Perkin Junior this our Real'm annoy'd | 26 |
| Since brave Duke William his rash Scheme destroy'd | 25 |
| Since Peace proclaim'd with France and haughty Spain | 22 |
| Since Trade reviv'd and flourished again | 22 |
| Since GEORGE the Second's glorious Reign was ended | 11 |
| Since GEORGE the Third the British Throne ascended | 11 |
| Since GEORGE the Third made b'oldy War to e'le All o'er the Globe, & made a glorious PEACE. | 8 |

A T A B L E of the L O R D M A Y O R S and S H E R I F F S
of London, from the Revolution to the Year 1770.

| | | |
|------|-----------------------|--|
| 1688 | Sir John Shorter | Sir Bazil Firebrats, Sir John Parsons |
| 1688 | Sir John Eyles | No Freeman of London |
| 1689 | Sir John Chapman | Sir Humphry Edwin, Sir John Fleet |
| 1690 | Sir T. Pilkington | Christopher Lethblier, Esq; Sir John Houlton |
| 1691 | Sir T. Pilkington | Sir Edward Clark, Sir Francis Child |
| 1692 | Sir Thomas Stamp | William Ashurst, Richard Lever, Esqrs. |
| 1693 | Sir John Fleet | Sir Thomas Lane, Sir Thomas Cook |
| 1694 | Sir William Ashurst | Sir Thomas Abney, Sir William Hedges |
| 1695 | Sir Thomas Lane | Sir John Sweetapple, Sir William Cole |
| 1696 | Sir John Houlton | Sir Edward Wills, Sir Owen Buckingham |
| 1697 | Sir Edward Clark | Sir John Wolf, Samuel Blewett, Esq; |
| 1698 | Sir Humphry Edwin | Sir Bart. Gracedieu, James Collet, Esq; |
| 1699 | Sir Francis Child | Sir William Gore, Sir Joseph Smart |
| 1700 | Sir Richard Lever | Sir Charles Duncomb, Sir Jeffery Jefferies |
| 1701 | Sir Thomas Abney | Sir Robert Beachcroft, Sir Henry Furness |
| 1702 | Sir William Gore | Sir W. Witbys, Sir P. Floyer, Sir J. Bateman |
| 1703 | Sir Samuel Dashwood | Sir Robert Bedingfield, Sir Samuel Garrard |
| 1704 | Sir John Parsons | Sir Gilbert Heathcote, Sir Joseph Wolfe |
| 1705 | Sir O. Buckingham | Sir John Buckwrib, Sir W. Humphrys |
| 1706 | Sir T. Rawlinson | Sir Charles Thorold, Sir Samuel Stanier |
| 1707 | Sir R. Bedingfield | Sir William Benson, Sir Ambrose Crawly |
| 1708 | Sir Will. Withers | Sir Benjamin Green, Sir Charles Peers |
| 1709 | Sir Cha. Duncombe | Charles Hopson, Esq; Sir Richard Guy |
| 1710 | Sir Samuel Garrard | Sir Richard Hoare, Robert Dunck, Esq; |
| 1711 | Sir Gilbert Heathcote | Sir George Thorold, Francis Eyles, Esq; |
| 1712 | Sir Robert Beachcroft | Sir John Cafs, Sir William Stewart |
| 1713 | Sir Richard Hoare | Sir William Lewen, Sir Samuel Clarke |
| 1714 | Sir Samuel Stanier | Sir Francis Forbes, Sir Joseph Sharp |
| 1715 | Sir Will. Humphrys | Sir Robert Breedon, Sir Randolph Knipe |
| 1716 | Sir Charles Peers | Sir John Ward, Sir John Fryer |
| 1717 | Sir James Bateman | Sir Gerard Conyers, Charles Cook, Esq; |
| 1718 | Sir William Lewen | Sir Peter Delme, Sir Harcourt Masters |
| 1719 | Sir John Ward | Sir John Bull, Thomas Ambrose, Esq; |
| 1720 | Sir George Thorold | Sir John Eyles, Bart. Sir John Taft |
| 1721 | Sir John Fryer | Sir George Cawell, William Billers, Esq; |
| 1722 | Sir William Stewart | Sir George Mertins, Edward Becker, Esq; |
| 1723 | Sir Ger. Conyers | Humphry Parsons, Francis Child, Esqrs. |
| 1724 | Sir Peter Delme | Sir R. Hopkins, F. Feast, E. Bellamy, Esqrs. |
| 1725 | Sir George Mertins | Sir Joseph Eyles, Robert Baylis, Esq; |
| 1726 | Sir Francis Forbes | F. Porteson, J. Murden, J. Thompson, Esqrs. |
| 1727 | Sir John Eyles, Et. | Sir John Lock, Sir William Ogborn |

Sic

A List of Lord-Mayors and Sheriffs, &c.

1728 Sir Edward Becher
1729 Sir Robert Baylis
1730 Sir Richard Brocas
1731 Humph. Parsons, Esq;
1732 Sir Francis Child
1733 John Barber, Esq;
1734 Sir William Billers
1735 Sir Edward Bellamy
1736 Sir John Williams
1737 Sir John Thompson
1738 Sir John Barnard
1739 Micajah Perry, Esq;
1740 Sir John Salter
1741 Hum. Parsons, Esq; {
1741 Sir Dan. Lambert, Esq;
1742 Sir Robert Godschall
1742 Geo. Heathcote, Esq; {
1743 Sir Robert Willimot
1744 Sir Robert Westley,
1745 Sir Henry Marshall,
1746 Sir Richard Hoare,
1747 William Benn, Esq;
1748 Sir Robert Ladbroke,
1749 Sir William Calvert,
1750 Sir Samuel Pennant, {
1750 John Blachford, Esq; {
1751 Francis Cokayne, Esq;
1752 T. Winterbottom, Esq;
1752 Robert Alsop, Esq;
1753 Sir Crisp Gascoyne,
1754 Edw. Ironside, Esq; {
1754 T. Rawlinson, Esq; {
1755 Step. The. Janssen, Esq;
1756 Slingsby Bethell, Esq;
1757 Marthe Dickinson, Esq;
1758 Sir Charles Aggill
1759 Sir Richard Glyn
1760 Sir Thomas Caunty
1761 Sir Matthew Blakiston
1762 Sir Sam. Fludyer, Esq;
1763 William Beckford, Esq;
1764 William Bridgen, Esq;
1765 Sir William Stephenson
1766 George Nelson, Esq;
1767 Sir Robert Kite
1768 Hon. Thomas Harley
1769 Samuel Turner, Esq;
1770 William Beckford, Esq;
1770 B. Trecothick, Esq;

Sir John Grosvenor, Sir Thomas Lombe
Richard Brocas, Richard Lever, Esqrs.
J. Barber, Esq; Sir John Williams
John Fuller, Esq; Sir Isaac Sbard
Samuel Russel, Thomas Pindar, Esqrs.
Sir Henry Hankey, Robert Alsop, Esq;
Robert Westley, Daniel Lambert, Esqrs.
Micajah Perry, Esq; Sir John Salter
Sir John Barnard, Sir Robert Godschall
Sir William Rous, Benjamin Rawlin, Esq;
Sir G. Champion, T. Russel, Esq; Sir R. Cates
James Brooke, William Westbrook, Esqrs.
George Heathcote, Esq; Sir J. Le Quefne
Henry Marshall, Richard Hoare, Esqrs.
Robert Willimot, William Smith, Esqrs.
William Benn, Charles Egleton, Esqrs.
Robert Ladbroke, William Calvert, Esqrs.
Walter Barnard, Samuel Pennant, Esqrs.
John Blachford, Francis Cokayne, Esqrs.
Thomas Winterbottom, Robert Alsop, Esqrs.
Crisp Gascoyne, Edw. Davis, Esqrs.
Thomas Rawlinson, Edward Ironside, Esqrs.
William Whitacre, Stephen Theodore Janssen,
Esqrs.
William Alexander, Robert Scott, Esqrs.
Slingsby Bethell, Marthe Dickenson, Esqrs.
Sir Charles Aggill, Sir Richard Glyn
Thomas Chitty, Matthew Blakiston, Esqrs.
Sir Samuel Fludyer, Sir John Toriano
William Beckford, Iue Whitbread, Esqrs.
William Bridgen, William Stevenson, Esqrs.
George Nelson, Francis Gosling, Esqrs.
George Dandridge, Alexander Maffet, Esqrs.
G. Errington, Paul Vaillant, Esqrs.
Sir Robert Kite, Sir William Hart.
Sir Nathaniel Nash, Sir J. ba Cartwright.
Sir Thomas Challenor, Sir Henry Banks.
Hon. Thomas Harley, Richard Blunt, Esq;
Brof. Crosby, Esq; Sir Thomas Harris.
B. Kenet, B. Charlwood, B. Trecothick, Esqrs.
Sir Robert Darling, Sir James E. Dale.
Richard Peers, William Nash, Esqrs.
Thomas Hillifax, John Shakespeare, Esqrs.
James Townend, Esq; James Sawbridge, Esq;

A CATA.

A CATALOGUE of the Most Reverend, Right Reverend and Reverend, the Archbishops, Bishops and Deans, exercising Ecclesiastical Jurisdiction in England, 1771.

| <i>Archbishops.</i> | <i>Deans Names.</i> | <i>Sees Names.</i> |
|--------------------------------|----------------------|-----------------------|
| II. Dr. Fr. Cornwallis | Dr. Brownlow North | Canterbury |
| H. Dr. R. Drummond Bishops: | Dr. John Fountayne | York |
| Dr. Richard Terrick | Dr. Th. Newton | London |
| Hon. Dr. Rich. Trevor | Hon. Dr. S. Cowper | Durham |
| Dr. John Thomas | Dr. Jonath. Shipley | Winchester |
| Dr. Matthias Mawson | Dr. Hugh Thomas | Ely |
| Dr. Edward Willes | Lord Fr. Seymour | Bath and Wells |
| Lord James Beauclerk | Dr. Francis Webber | Hereford |
| Dr. Zachary Pearce | Dr. Benj. Newcome | Rochester |
| Dr. Edmund Keene | Dr. William Smith | Chester |
| Dr. James Johnson | —Harwood, D. D. | Worcester |
| Sir Wm. Ashburnham | Dr. Thomas Green | Chichester |
| Dr. John Hume | Dr. J. Adenbrook | Salisbury |
| Dr. John Egerton | Dr. Philip Lloyd | Litchfield and Coven. |
| Dr. Philip Yonge | Dr. Josiah Tucker | Norwich |
| Dr. Will. Warburton | Dr. Thomas Lloyd | Gloucester |
| Dr. John Ewer | H. J. York, A. M. | Bangor |
| Dr. John Green | Dr. Cutts Barton | Lincoln |
| Dr. Thomas Newton | Dr. Jeremiah Miles | Bristol |
| H. D. Fred. Keppel | Dr. Cha. Tarrant | Exeter |
| Dr. John Hinckcliffe | Dr. Will. Markham | Peterborough |
| Dr. Robert Lowth | J. Morgan, B. D. Pr. | Oxford |
| Dr. Charles Mois | Dr. Thomas Wilson | St. David's |
| Dr. Edmund Lawes | Dr. Will. Herring | Carlisle |
| Dr. Jonath. Shipley | J. Fulham, A. M. | St. Asaph |
| H. Dr. S. Barrington | Dr. John Thomas | Landaff |
| Dr. Mark Hildesley | Dr. Fred. Keppel | Westminster |
| | | Windsor |
| | | Sodor and Man |

The Names of the Learned Judges in the Law.

I. In the Chancery.

LORDS COMMISSIONERS for Managing the Business of the GREAT SEAL of Great Britain.

Hon. Henry Baturſt, one of the Judges of the Common Pleas.

Sir Robert Atton, one of the Judges of the King's Bench.

Sir Sydny Stafford Smythe, Knt, one of the Barons of the Exchequer.

R. H. Sir Thomas Sewell, Knt. M. r. of the Rolls.

II. In the Wm, Lord Mansfield, L. C. J. Sir Richard Atton, Knt.

K. Bench. } Edward Willes, Esq; W. H. Abberſt, Esq;

III. In the R. H. Sir Hardly Wilmot, L. C. J. Hon. Henry Baturſt.

C. Pleas. } Sir Henry Gould, Knt. William Blackfriar, Esq;

IV., In the } Sir T. Parker. L. C. B. Sir S. Stafford Smyth,

Exchequer. } Sir Richard Adams, Knt. George Perrot, Esq;

William de Grey, Esq; At. Gen. Edes. Thurlow, Esq; Sol. Gen.

The Names of the Lord-Mayor and Aldermen of
 L O N D O N, and the Places of their Habita-
 tions, with the Wards under their Jurisdiction.

Those marked thus * have passed the Chair.

The Right Hon. Brass Crosby, Esq; LORD M A Y O R, and
 Alderman of Bread-street Ward, Mansion-House, 1771.

| | |
|---|---------------------|
| * Sir Rob. Ladbrooke, Knt. St. Peter's-hill | Bridge Ward without |
| * Robert Alsop, Esq; Great-Marlbro'-str. | Coleman-street Ward |
| * Sir Charle- Asgill, Bart. Lombard-street | Candlerwick Ward |
| * Sir Richard Glyn, Bart. Birch-in-lane | Dowgate Ward |
| * William Bridgen, Esq; Forty-Hill | Farringdon Within |
| * Sir William Stephento , Knt. OldSwai | Bridge Ward within |
| * Sir Robert Kite, Knt' Cannon-street | Lime-street Ward |
| * Rt. Hon. Tho. Harley, Alderlgate-str. | Portloken Ward |
| * Samuel Turner, Esq; Mincing-lane | Tower Ward |
| Barlow Trecothick, Esq; Bucklersbury | Vintry Ward |

James Eyre, Esq; Recorder.

| | |
|---|--------------------|
| Sir Henry Banks, Knt. Rochampton, Surry | Cordwainers Ward |
| Richard Peers, Esq; Queenhithe | Queenhithe Ward |
| William Nash, Esq; Swithins-lane | Walbrook Ward |
| Thomas Halifax, Esq; Birch-in-lane | Aldersgate Ward |
| John Shakespeare, Esq; Billiter-Square | Aldgate Ward |
| Sir James Esdaile, Bunhill-row | Cripplegate Ward |
| Samuel Plumbe, Esq; Foster-lane | Castle-Baynard Wa. |
| Brackley Kennet, Esq; Pall-mall | Cornhill Ward |
| John Kirkman, Esq; College-Hill | Cheap Ward |
| John Wilkes, Esq; | Farringdon Without |
| James Townsend, Esq; Austin Friars | Bishopsgate Ward |
| John Sawbridge, Esq; N. Burlington str. | Langbourn Ward |
| James Rossiter, Esq; Nicholas Lane | Broad street Ward |
| John Bird, Esq; Wood-street | Bassishaw Ward |
| Richard Oliver, Esq; Fenchurch-street | Billinggate Ward |

Joseph Martin, Esq;
 William Baker, Esq;

} Sheriffs.

Sir Steph. Theo. Janssen, Bart. Chamberlain.

Sir James Hodges, Knt. Town-Clerk.

Rates for *Hackney-Coach*es and *Chairs* in *London*,
or within 10 Miles thereof, by Stat. 9 An. Reg.

| | s. | d. |
|--|----|----|
| For one Day of 12 Hours | — | — |
| For one Hour | — | — |
| For every Hour after the first | — | — |
| From any of the Inns of Court to any Part of St. James's, or City of Westm. except beyond Totbill-street | 1 | 0 |
| From the Inns of Court, or thereabouts, to the Royal Exc. | 1 | 0 |
| From any of the Inns of Court to the Tower, Aldgate, Bishopsgate-street, or thereabouts | 1 | 0 |

And it is also declared that no *Hackney-Coachman* shall take for his Hire more than one Shilling for any Distance not exceeding one Mile and an Half, and Eighteen-pence for any greater Distance not exceeding two Miles.

And *Hackney Chair-mn* by the laid *Act* shall not take more than one Shilling for any Distance not exceeding one Mile, and Eighteen pence for any Distance not exceeding a Mile and an Half.

For better knowing the Distances between the most noted Places in the *City* and *Suburbs*, the *Commissioners* have caused the same to be measured, *viz.*

One Shilling Rates for *Hackney-Coach*es, for Distances not exceeding one Mile and an Half, *viz.*

From Westminster-hall to Malborough-street
 Westminster-hall to Albermarle-street
 Westminster-hall to Bolton-street
 Westminster-hall to Bloomsbury-square
 Westminster-hall to Soho-square
 Westminster-hall to Little Queen-street, Holborn
 St. James's Gate to Queen Anne's-square, Westminster
 St James's Gate to the nearest Corner of Red-Lion-square
 Golden-square to Red-Lion-square
 Hay-Market Play house to Red-Lion-square
 Hay-Market Play-House to Thavies-Inn
 Hay-Market Play-House to Bloomsbury-square
 Guild-hall to Red-Lion-square
 Upper End of Fetter-Lane, Holborn, to Aldgate
 Royal Exchange, to Mile-End Turnpike

Royal-

Rates for Hackney-Coachess, &c.

Royal-Exchange to Hoxton-square

Newgate to the Middle of Greek-street near Soho square

Bridge-foot, Southwark, to Sir W. Walworth's-head, Walworth

Gray's Inn Gate to Sadler's-Wells by Islington

Covent-Garden to Clerkenwell Church

Temple-Bar to Billingsgate

Aldgate to Shadwell Church

Eighteen-pence Rates for Hackney-Coachess, for Distances not exceeding two Miles.

Drury-lane Play-house to Queen's square, Westminster

Westminster-hall to St. Paul's Church

Westminster hall to Queen's-square, Red-Lion-fields

St. James's Gate to Hatton-Garden

New-Exchange in the Strand to the Royal-Exchange

From the Hay-maket Play-house to Hatton-Garden

Westminster-Hall to Red-Lion-square

St. James's to Marybone Church

The Royal-Exchange to Bloomsbury square

The Royal-Exchange to the Watch-house, Mile-End

The Out-side of Aldgate to Stepney Church

Bedford street, Covent-Garden, to Coleman-street

Bread-street to Hoxton-square

Middle of Broad-street to Hart-street, Bloomsbury Market

St. Martin's-Lane, in the Strand, to Gold-street by Wood-street

Middle of Grace Church-street to Somerset-house

Guild-Hall to Brownlow street in Drury-lane

The Royal-Exchange to Newington Church, Surrey

Covent-Garden to the Royal-Exchange

Stocks-Market to Charing Cross

Aldgate to Ratcliff-Cross

One Shilling Rates for Hackney-Chairss, for Distances not exceeding one Mile.

From Westminster to Covent-Garden

Westminster-hall to Exeter-Change

St. James's Gate through the Park to Westminster-hall

Hay-Market Play-house to the Entrance of Lincoln's-inn-fields

Hay Market Play house to Bolton-street

St. James's Gate to Somerset-house

Somerset house to the upper End of Hatton-Garden

Rates of Watermen, &c.

Hay-Market Play house to Essex street

Hay-Market Play house to Soho square

The nearest Corner of Golden-square to Drury-lane Play-house.

Note, That Hackney-Chairmen are oblig'd to go the same Distances for Eighteen-pence, which the Coaches perform for 1s.

And if any Hackney-Coachman or Chairman shall refuse to go at, or exact more for Hire than the Rates hereby limited, he shall for every such Offence forfeit 40s.

Note, The Mile according to Statute, Hen. 7th, is 8 Furlongs, or 5280 Feet. Then if the Step or Pace of a Man in Walking be 5 Foot, 1056 such Paces will be an exact Mile.

Rates of Watermen, as they are set forth by the Lord-Mayor and Aldermen of London.

| | Oars | Sculs |
|--|-------|-------|
| From London Bridge to Lime-house, New Crane, Shadwell-Dock, Bell-Wharf, Ratcliff-Cross | 1 0 0 | 6 |
| To Wapping Dock, Wapping New and Old Stairs, the Hermitage, Rotherhithe-Church-stairs | 0 6 0 | 3 |
| From St. Olave's to Rotherhithe Church stairs, and Rotherhithe-stairs | 0 6 0 | 3 |
| From Billingsgate, St. Olave's, to St. Saviour's Mill any Stairs between London-Bridge and Westminster | 0 6 0 | 3 |
| From either Side above London-Bridge to Lambeth and Vaux-hall | 1 0 0 | 6 |
| From White-hall to Lambeth and Vaux-hall | 0 6 0 | 3 |
| From Temple, Dorset, and Black-fryers Stairs, or Paul's-Wharf, to Lambeth | 0 8 0 | 4 |
| Over the Water directly between Vaux-hall and Lime-house | 0 6 0 | 2 |

The Rates of Oars.

Down the River.

| From London to | Gravesend | Whole | | Com- Fare | Company. |
|----------------|---------------------|-------|-----|--------------|----------|
| | | s. | d. | | |
| | Gravesend | 4 | 6 0 | 8 | |
| | Grays or Greenhithe | 4 | 0 0 | 6 | |
| | Purfleet or Erith | 3 | 0 0 | 4 | |
| | Woolwich | 2 | 6 0 | 4 | |
| | Blackwall | 2 | 0 0 | 3 | |
| | Greenwich, Deptford | 1 | 6 0 | 3 | Up |

Rates of Watermen, &c.

Up the River.

| | Whol Fare | Com- pany |
|----------------------------------|--------------|--------------|
| | s. d. | s. d. |
| Chelsea, Battersea, Wandsworth | 1 6 | 0 3 |
| Putney, Fulham, Barn Elms | 2 0 | 0 4 |
| Hammersmith, Chiswick, Mortlake | 2 6 | 0 6 |
| Brentford, Isleworth, Richmond | 2 6 | 0 6 |
| Twickenham | 4 0 | 0 6 |
| Kingston | 5 0 | 0 9 |
| Hampton-Court | 6 0 | 1 0 |
| Hampton-Town, Sunbury and Walton | 7 0 | 1 0 |
| Weybridge, Chertsey | 10 0 | 1 0 |
| Staines | 12 0 | 1 0 |
| Windsor | 14 0 | 1 0 |

Rates for carrying of Goods in the Tilt-Boat between Gravesend and London.

| | s. d. |
|--|-------|
| A half Firkin | 0 1 |
| Whole Firkin | 0 2 |
| Hoghead | 2 0 |
| One Hundred Weight of Cheese, Iron, or heavy Goods | 0 4 |
| Sack of Salt, Corn, a Chest, Trunk, or Hamper | 0 6 |
| Every single Person in the ordinary Passage | 0 6 |
| The Hire of the Whole Tilt Boat | 22 6 |

What Waterman takes and demands more than these Rates, lies liable to pay 40 s. and suffer half a Year's Imprisonment.

Directions for Passing and Repassing on the Water about London.

Observe, That below Bridge the Water ebbs seven Hours, and flows five.

Above Bridge, it ebbs eight Hours, and flows four, according to the Watermens Observation, who in their Conversation use these Terms.

If the Water is at lowest, then it is called *Low-water*; if rising, then *Young* or *Old Flood*; when it is at highest, and begins to fall, *Ebb Water*.

High Water is the Time at *Billingsgate* for all Passengers that are bound for *Gravesend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time till one, two, or three Hours after High Water.

A TABLE for finding the hourly Motion of the Moon,
and thereby her true Place at any Time of the Day.

| 11 46 | 11 56 | 12 6 | 12 16 | 12 26 | 12 36 | 12 46 | 12 56 | 13 6 | 13 16 | 13 26 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| d. m. | d. m. | d. m. | d. m. | d. m. | d. m. | d. m. | d. m. | d. m. | d. m. | d. m. |
| 1 0 29 | 0 30 | 0 30 | 0 30 | 0 31 | 0 31 | 0 32 | 0 32 | 0 33 | 0 33 | 0 34 |
| 2 0 59 | 1 0 | 1 0 | 1 1 | 1 2 | 1 3 | 1 4 | 1 5 | 1 5 | 1 6 | 1 7 |
| 3 1 28 | 1 20 | 1 31 | 1 32 | 1 33 | 1 35 | 1 36 | 1 37 | 1 38 | 1 39 | 1 41 |
| 4 1 58 | 1 59 | 2 1 | 2 3 | 2 4 | 2 6 | 2 8 | 2 9 | 2 11 | 2 13 | 2 14 |
| 5 2 27 | 2 29 | 2 31 | 2 34 | 2 35 | 2 37 | 2 40 | 2 42 | 2 44 | 2 46 | 2 48 |
| 6 2 57 | 2 59 | 3 1 | 3 4 | 3 6 | 3 9 | 3 11 | 3 14 | 3 16 | 3 19 | 3 21 |
| 7 3 26 | 3 29 | 3 32 | 3 35 | 3 38 | 3 42 | 3 43 | 3 46 | 3 49 | 3 52 | 3 55 |
| 8 3 55 | 3 59 | 4 2 | 4 6 | 4 9 | 4 11 | 4 15 | 4 19 | 4 22 | 4 25 | 4 29 |
| 9 4 25 | 4 28 | 4 32 | 4 36 | 4 40 | 4 43 | 4 47 | 4 51 | 4 55 | 4 58 | 5 2 |
| 10 4 54 | 4 58 | 5 3 | 5 7 | 5 11 | 5 15 | 5 19 | 5 23 | 5 27 | 5 32 | 5 36 |
| 11 5 24 | 5 28 | 5 33 | 5 37 | 5 42 | 5 46 | 5 51 | 5 56 | 6 0 | 6 3 | 6 9 |
| 12 5 53 | 5 58 | 6 3 | 6 8 | 6 13 | 6 18 | 6 23 | 6 28 | 6 33 | 6 38 | 6 43 |
| 13 6 22 | 6 28 | 6 33 | 6 39 | 6 44 | 6 49 | 6 55 | 7 0 | 7 6 | 7 11 | 7 17 |
| 14 6 52 | 6 58 | 7 3 | 7 9 | 7 15 | 7 21 | 7 27 | 7 33 | 7 38 | 7 44 | 7 50 |
| 15 7 21 | 7 27 | 7 34 | 7 40 | 7 46 | 7 52 | 7 59 | 8 5 | 8 11 | 8 17 | 8 24 |
| 16 7 51 | 7 57 | 8 4 | 8 11 | 8 17 | 8 24 | 8 31 | 8 37 | 8 44 | 8 51 | 8 57 |
| 17 8 20 | 8 27 | 8 34 | 8 41 | 8 48 | 8 55 | 9 3 | 9 10 | 9 17 | 9 24 | 9 31 |
| 18 8 49 | 8 57 | 9 4 | 9 12 | 9 19 | 9 27 | 9 34 | 9 42 | 9 49 | 9 57 | 1 4 |
| 19 9 19 | 9 26 | 9 35 | 9 43 | 9 51 | 9 58 | 10 6 | 10 14 | 10 22 | 10 30 | 1 38 |
| 20 9 48 | 9 56 | 10 5 | 10 17 | 10 21 | 10 20 | 10 28 | 10 47 | 10 55 | 11 3 | 11 12 |
| 21 10 18 | 10 26 | 10 35 | 10 44 | 10 53 | 11 1 | 11 10 | 11 19 | 11 27 | 11 36 | 11 45 |
| 22 10 47 | 10 56 | 11 6 | 11 15 | 11 21 | 11 33 | 11 42 | 11 51 | 12 0 | 12 10 | 12 19 |
| 23 11 17 | 11 26 | 11 36 | 11 46 | 11 55 | 12 4 | 12 14 | 12 24 | 12 33 | 12 43 | 12 52 |
| 24 11 46 | 11 56 | 12 6 | 12 16 | 12 26 | 12 36 | 12 46 | 12 56 | 13 6 | 13 16 | 13 26 |

The Use of this TABLE is to find (by an *Ephemeris*) the true Place of the Moon at any particular Time of the Day. But first you must know, that all Astronomers begin the Day at Noon, and count 24 Hours to the Day; so that beginning one Day at Noon, the same ends the next Day at Noon; therefore 1 in the Afternoon is the first Hour of the Day, and 13 Hours after Noon is the next Day 1 in the Morning. Now in the following *Ephemeris*, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of London; and to know her daily Motion, you must subtract the Place of the Moon one Day, from her Place the following Day, by adding 30 Degrees

A T A B L E for finding the hourly Motion of the Moon,
and thereby her true Place at any Time of the Day.

| H | 13 36 | 13 46 | 13 56 | 14 6 | 14 16 | 14 26 | 14 36 | 14 46 | 14 56 | 15 6 | 15 16 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| o | d. m. |
| 1 | 0 34 | 0 34 | 0 35 | 0 35 | 0 36 | 0 36 | 0 36 | 0 37 | 0 37 | 0 38 | 0 38 |
| 2 | 1 8 | 1 9 | 1 10 | 1 10 | 1 11 | 1 12 | 1 13 | 1 14 | 1 15 | 1 15 | 1 16 |
| 3 | 1 42 | 1 42 | 1 46 | 1 46 | 1 47 | 1 48 | 1 49 | 1 51 | 1 51 | 1 53 | 1 54 |
| 4 | 2 16 | 2 8 | 2 19 | 2 1 | 2 22 | 2 24 | 2 26 | 2 28 | 2 29 | 2 21 | 2 22 |
| 5 | 2 50 | 2 52 | 2 54 | 2 56 | 2 58 | 3 0 | 3 2 | 3 | 3 7 | 3 9 | 3 11 |
| 6 | 3 24 | 3 26 | 3 29 | 3 31 | 3 34 | 3 39 | 3 39 | 3 43 | 3 45 | 3 46 | 3 9 |
| 7 | 3 58 | 4 1 | 4 4 | 4 7 | 4 10 | 4 16 | 4 18 | 4 21 | 4 24 | 4 7 | |
| 8 | 4 32 | 4 35 | 4 39 | 4 42 | 4 45 | 4 49 | 4 52 | 4 56 | 4 59 | 4 2 | 4 5 |
| 9 | 5 6 | 5 10 | 5 12 | 5 17 | 5 21 | 5 25 | 5 28 | 5 32 | 5 30 | 5 40 | 5 43 |
| 10 | 5 40 | 5 44 | 5 48 | 5 52 | 5 57 | 6 1 | 6 5 | 6 9 | 6 13 | 6 17 | 6 22 |
| 11 | 6 14 | 6 19 | 6 21 | 6 28 | 6 32 | 6 37 | 6 41 | 6 46 | 6 51 | 6 55 | 7 0 |
| 12 | 6 48 | 6 53 | 6 58 | 7 2 | 7 8 | 7 13 | 7 25 | 7 24 | 7 28 | 7 23 | 7 28 |
| 13 | 7 22 | 7 27 | 7 33 | 7 38 | 7 44 | 7 49 | 7 54 | 8 0 | 8 5 | 8 11 | 8 16 |
| 14 | 7 56 | 8 0 | 8 8 | 8 13 | 8 19 | 8 25 | 8 31 | 8 37 | 8 43 | 8 48 | 8 54 |
| 15 | 8 30 | 8 36 | 8 42 | 8 49 | 8 55 | 9 1 | 9 7 | 9 14 | 9 20 | 9 26 | 19 32 |
| 16 | 9 4 | 9 11 | 9 17 | 9 24 | 0 11 | 0 17 | 0 24 | 0 31 | 0 37 | 10 4 | 10 11 |
| 17 | 9 38 | 9 45 | 9 52 | 9 59 | 10 0 | 10 13 | 10 20 | 10 28 | 10 35 | 10 42 | 10 49 |
| 18 | 10 12 | 10 19 | 10 27 | 10 34 | 10 42 | 10 49 | 10 57 | 11 4 | 11 12 | 11 19 | 11 27 |
| 19 | 10 46 | 10 54 | 11 2 | 11 10 | 11 18 | 11 26 | 11 34 | 11 41 | 11 49 | 11 57 | 12 5 |
| 20 | 11 20 | 11 28 | 11 37 | 11 45 | 11 52 | 12 2 | 12 10 | 12 18 | 12 27 | 12 25 | 12 42 |
| 21 | 11 54 | 12 3 | 12 11 | 12 20 | 12 29 | 12 38 | 12 40 | 12 55 | 13 4 | 13 13 | 13 21 |
| 22 | 12 28 | 12 37 | 12 46 | 12 55 | 13 5 | 13 14 | 13 23 | 13 33 | 13 41 | 13 50 | 14 0 |
| 23 | 13 2 | 13 12 | 13 21 | 13 31 | 13 40 | 13 50 | 13 59 | 14 9 | 14 39 | 14 28 | 14 38 |
| 24 | 13 36 | 13 46 | 13 56 | 14 6 | 14 16 | 14 26 | 14 26 | 14 46 | 14 56 | 15 6 | 15 16 |

grees (if need require it) for so many Degrees hath every Sign, and 60 Minutes in every Degree; so you have the daily Motion of the Moon: Then look for the same in the Head, or the nearest Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

Example. To find the Place of the Moon, on the 5th Day of January, at 8 at Night: Her Place at Noon is in $12^{\circ} 46'$, and the next Day in $27^{\circ} 00'$ of the same sign; therefore her diurnal Motion is $14^{\circ} 14'$; then I find these Numbers, *viz.* $14^{\circ} 10'$ in the Head of the Table, and against 8 Hours the given Time is $4^{\circ} 45'$; which being added to $12^{\circ} 46'$, her Place at Noon, the Sum will be $17^{\circ} 31'$, her Place at 8 o'Clock that Night.

Parker.

January 1771.

The Planets daily Motions Geocentric.

| | | | | | | | |
|--|---------|--------|--------|--------|-------|------------|---------|
| The Planets Latitudes and Place of the Sun's to every 6th Day. | o.N. 57 | o.N. 2 | 3N. 11 | 3N. 16 | 2S. 7 | 24 | 6 |
| | 7 | 0 58 | 0 2 | 3 11 | 4 45 | 2 43 | 41 |
| | | 13 | 0 58 | 1 3 | 3 10 | 5 57 | 1 40 23 |
| | | 19 | 0 56 | 1 3 | 8 6 | 41 0 50 23 | 5 |
| | | 21 | 1 1 | 0 6 | 6 18 | 12 22 | 45 |

| M. D. | ○ | W ^h | D ^m | G ^s | L ^a | M ^l | T ^b | S ^c | U | W ^h | δ ^d | R ^e | II | ? | W ^h | Ω ^f | W ^h | Sun ^g Declin. South. | |
|----------|----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----|----------------|----------------|----------------|----|------|----------------|----------------|----------------|---------------------------------------|----|
| | | | | | | | | | | | | | | | | | | | |
| 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 1 | |
| 1 | 10 | 59 | 12 | 44 | 3 | S.46 | 14 | 56 | 7 | 2 | 17 | 10 | 23 | 51 | 18 | 15 | 23 | 1 | |
| 2 | 12 | 0 | 27 | 58 | 4 | 33 | 14 | 52 | 7 | 16 | 6 | 55 | 23 | 21 | 19 | 54 | 22 | 55 | |
| 3 | 13 | 1 | 13 | Ω | 0 | 5 | 14 | 53 | 7 | 20 | 16 | 41 | 22 | 20 | 21 | 33 | 22 | 50 | |
| 4 | 14 | 2 | 28 | 7 | 5 | 8 | 14 | 4 | 7 | 44 | 16 | 28 | 22 | 17 | 23 | 12 | 22 | 44 | |
| 5 | 15 | 3 | 12 | Ω46 | 4 | 53 | 14 | 4 | 7 | 57 | 16 | 15 | 21 | 43 | 24 | 52 | 22 | 37 | |
| 6 | 16 | 5 | 27 | 0 | 4 | 22 | 14 | 7 | 8 | 11 | 16 | 3 | 21 | 7 | 26 | 21 | 22 | 10 | |
| 7 | 17 | 6 | 10 | 247 | 3 | 36 | 14 | 33 | 8 | 25 | 15 | 52 | 20 | 30 | 28 | 10 | 22 | 22 | |
| 8 | 18 | 7 | 24 | 9 | 2 | 39 | 14 | 29 | 8 | 39 | 15 | 42 | 19 | 53 | 29 | 49 | 22 | 14 | |
| 9 | 19 | 8 | 7 | 10 | 1 | 35 | 14 | 24 | 8 | 53 | 15 | 33 | 19 | 17 | 1 | 28 | 22 | 6 | |
| 10 | 20 | 9 | 19 | 52 | 0 | 28 | 14 | 20 | 9 | 7 | 15 | 24 | 18 | 40 | 3 | 6 | 21 | 57 | |
| 11 | 21 | 10 | 2 | 19 | ON.38 | 14 | 15 | 9 | 20 | 15 | 16 | 18 | 4 | 4 | 4 | 44 | 21 | 48 | |
| 12 | 22 | 11 | 14 | 33 | 1 | 42 | 14 | 11 | 9 | 34 | 15 | 9 | 17 | 27 | 6 | 22 | 21 | 38 | |
| 13 | 23 | 13 | 26 | 39 | 2 | 41 | 14 | 7 | 9 | 48 | 15 | 3 | 16 | 51 | 7 | 59 | 21 | 28 | |
| 14 | 24 | 14 | 8V | 38 | 3 | 30 | 14 | 2 | 10 | 1 | 14 | 58 | 16 | 16 | 9 | 33 | 21 | 18 | |
| 15 | 25 | 1 | 10 | 33 | 4 | 12 | 13 | 57 | 10 | 15 | 14 | 54 | 15 | 43 | 11 | 6 | 21 | 7 | |
| 16 | 26 | 15 | 2 | 225 | 4 | 41 | 13 | 52 | 10 | 28 | 14 | 51 | 15 | 12 | 12 | 38 | 20 | 55 | |
| 17 | 27 | 17 | 14 | 17 | 4 | 59 | 13 | 48 | 10 | 42 | 14 | 48 | 14 | 42 | 14 | 8 | 20 | 44 | |
| 18 | 28 | 18 | 6 | 9 | 5 | 1 | 13 | 43 | 10 | 56 | 14 | 46 | 12 | 15 | 15 | 36 | 20 | 31 | |
| 19 | 29 | 19 | 8 | 4 | 4 | 55 | 13 | 38 | 11 | 9 | 14 | 44 | 13 | 49 | 17 | 2 | 20 | 19 | |
| 20 | 20 | 20 | 2 | 3 | 4 | 33 | 13 | 33 | 11 | 23 | 14 | 43 | 13 | 25 | 18 | 25 | 20 | 6 | |
| 21 | 1 | 21 | 2 | 1 | 2 | W ¹ | 4 | 0 | 13 | 28 | 11 | 36 | 14 | 0 | 13 | 3 | 19 | 42 | 53 |
| 22 | 2 | 22 | 14 | 29 | 3 | 13 | 13 | 23 | 11 | 50 | 14 | 4 | 12 | 44 | 20 | 52 | 19 | 39 | |
| 23 | 3 | 23 | 27 | 2 | 2 | 17 | 13 | 18 | 12 | 3 | 14 | 47 | 12 | 27 | 21 | 55 | 19 | 25 | |
| 24 | 4 | 24 | 9 | 85 | 1 | 13 | 13 | 12 | 17 | 14 | 50 | 2 | 12 | 32 | 51 | 19 | 11 | | |
| 25 | 5 | 25 | 23 | 10 | 0 | 3 | 13 | 8 | 12 | 30 | 14 | 5 | 11 | 59 | 23 | 39 | 18 | 56 | |
| 26 | 6 | 26 | 6 | 11 | 52 | 18. | 9 | 13 | 32 | 43 | 14 | 57 | 11 | 49 | 24 | 19 | 18 | 51 | |
| 27 | 7 | 27 | 21 | 5 | 2 | 20 | 12 | 58 | 12 | 57 | 5 | 2 | 11 | 42 | 24 | 51 | 18 | 26 | |
| 28 | 8 | 28 | 28 | 4 | 3 | 23 | 12 | 53 | 13 | 10 | 15 | 7 | 11 | 37 | 25 | 13 | 18 | 10 | |
| 29 | 9 | 29 | 20 | 46 | 4 | 14 | 12 | 49 | 13 | 23 | 15 | 1 | 11 | 35 | 25 | 24 | 17 | 54 | |
| 30 | 10 | 30 | 6 | 81 | 5 | 48 | 12 | 44 | 13 | 37 | 15 | 20 | 11 | D.35 | 25 | 26 | 17 | 38 | |
| 31 | 11 | 31 | 21 | 21 | 5 | 1 | 12 | 39 | 3 | 50 | 15 | 27 | 11 | 37 | 13 | R.15 | 17 | 21 | |

The Heliocentric Motions.

January 1771.

| M. D. | H. Wet Len. B. | | The Lunar Aspects. | | | | | | The Mutual Aspects. |
|----------|----------------|---------|--------------------|------|------|------|------|-----------|------------------------|
| | W. m. | Aftern. | ⊕ | ☽ | ☿ | ☽ | ☿ | ☽ | |
| 1 | 1 58 | 2 2 | | | | 8 17 | 8 8 | | |
| 2 | 2 52 | 3 1 | | | | | | | 2 Perig. ♂ ♀ ♀ |
| 3 | 3 31 | 3 49 | 6 2 | | * 6 | | | | |
| 4 | 4 6 | 4 26 | | △ 16 | | | | | |
| 5 | 4 47 | 5 7 | △ 5 | | □ 7 | △ 14 | △ 23 | | |
| 6 | 5 28 | 5 59 | | □ 20 | | | | | |
| 7 | 6 15 | 6 42 | □ 12 | * 5 | △ 9 | □ 17 | | | |
| 8 | 7 9 | 7 38 | | □ 14 | * 3 | | | □ 11 | |
| 9 | 8 7 | 8 19 | | | | * 22 | | 6 ♂ ♀ | |
| 10 | 9 11 | 9 43 | * 1 | | | | | | |
| 11 | 10 16 | 10 47 | | | | | | * 6 | |
| 12 | 11 18 | 11 49 | △ 0 | | 8 1 | | | | |
| 13 | 0 20 | | | | | | | | |
| 14 | 0 47 | | | 6 3 | | 6 15 | | | |
| 15 | 1 36 | 5 10 | | | | | | | |
| 16 | 2 22 | 2 43 | 8 23 | | | | | | |
| 17 | 2 58 | 3 19 | | | △ 1 | | | 6 0 △ 6 ♀ | |
| 18 | 3 28 | 3 4 | | | | | | | |
| 19 | 3 54 | 4 6 | | * 6 | □ 13 | * 12 | | | |
| 20 | 4 21 | 4 46 | * 22 | | | | | | |
| 21 | 4 56 | 5 12 | △ 22 | □ 19 | | □ 21 | | | |
| 22 | 5 30 | 5 49 | | | | | | | |
| 23 | 6 12 | 6 36 | □ 13 | | | | | | |
| 24 | 7 3 | 7 3 | | □ 6 | △ 4 | | △ 4 | | 6 44 |
| 25 | 8 5 | 8 36 | △ 23 | | | | | □ 1 | |
| 26 | 9 14 | 9 53 | | * 12 | | 6 14 | | | |
| 27 | 10 31 | 1 11 | | | | | | △ 7 | |
| 28 | 11 42 | | | | 8 11 | | 8 9 | | |
| 29 | 0 2 | 0 56 | | | | | | | |
| 30 | 1 28 | 3 58 | 3 7 | 6 10 | * 16 | | | | |
| 31 | 2 18 | 2 52 | | | | | | 8 8 | 2 Perig. |

Parker.

February 1771.

The Planets Daily Motions Geocentric.

18 M

| M. D. | ⊕ | ☿ | ♃ | ♁ | Lat. ♈ | h R. | IN. | OS. | C. | 2N.59 | 6N.49 | 2N.29 | 22 | 21 | | | |
|----------|----|----|------|----|--------|---------|-----|-----|----|-------|-------|-------|----|------|----|----|----|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 1 | 12 | 32 | 6 | 4 | 45S.52 | 12 | 34 | 14 | 3 | 15 | 35 | 11 | 43 | 24 | 52 | 17 | 4 |
| 2 | 13 | 32 | 21 | 35 | 4 24 | 12 | 30 | 14 | 16 | 15 | 43 | 11 | 49 | 24 | 19 | 16 | 47 |
| 3 | 14 | 33 | 6 | 5 | 3 39 | 12 | 25 | 14 | 29 | 15 | 52 | 11 | 58 | 23 | 38 | 16 | 29 |
| 4 | 15 | 34 | 20 | 1 | 2 42 | 12 | 20 | 14 | 41 | 16 | 2 | 12 | 10 | 22 | 47 | 16 | 11 |
| 5 | 16 | 35 | 3 | 31 | 1 38 | 12 | 15 | 14 | 54 | 16 | 13 | 12 | 24 | 21 | 49 | 15 | 53 |
| 6 | 17 | 36 | 16 | 32 | 0 21 | 12 | 11 | 15 | 7 | 16 | 24 | 12 | 40 | 20 | 44 | 15 | 35 |
| 7 | 18 | 36 | 29 | 12 | ON.36 | 12 | 6 | 15 | 20 | 16 | 36 | 12 | 58 | 19 | 36 | 15 | 16 |
| 8 | 19 | 37 | 11 | 17 | 34 | 12 | 1 | 15 | 33 | 16 | 48 | 13 | 18 | 18 | 26 | 14 | 57 |
| 9 | 20 | 38 | 23 | 4 | 2 38 | 11 | 57 | 15 | 45 | 17 | 1 | 13 | 40 | 17 | 15 | 14 | 38 |
| 10 | 21 | 38 | 5V24 | 2 | 3 28 | 11 | 52 | 15 | 58 | 17 | 14 | 14 | 4 | 16 | 6 | 14 | 18 |
| 11 | 22 | 39 | 17 | 36 | 4 8 | 11 | 48 | 16 | 13 | 17 | 28 | 14 | 29 | 15 | 1 | 13 | 59 |
| 12 | 23 | 40 | 29 | 27 | 4 38 | 11 | 43 | 16 | 43 | 17 | 42 | 14 | 56 | 14 | 1 | 13 | 39 |
| 13 | 24 | 40 | 18 | 18 | 4 55 | 11 | 39 | 16 | 36 | 17 | 57 | 15 | 25 | 13 | 6 | 13 | 19 |
| 14 | 25 | 41 | 23 | 11 | 5 0 | 11 | 34 | 16 | 48 | 18 | 12 | 15 | 55 | 12 | 16 | 12 | 58 |
| 15 | 26 | 41 | 59 | 6 | 4 52 | 11 | 30 | 17 | 0 | 18 | 28 | 16 | 27 | 11 | 34 | 12 | 38 |
| 16 | 27 | 42 | 17 | 5 | 4 30 | 11 | 25 | 17 | 13 | 18 | 44 | 17 | 0 | 11 | 1 | 12 | 17 |
| 17 | 28 | 42 | 29 | 14 | 3 57 | 11 | 21 | 17 | 25 | 19 | 17 | 35 | 10 | 37 | 11 | 56 | |
| 18 | 29 | 43 | 11 | 17 | 28 | 3 | 12 | 11 | 16 | 17 | 37 | 19 | 18 | 10 | 19 | 11 | 35 |
| 19 | 30 | 43 | 23 | 52 | 2 17 | 11 | 12 | 17 | 49 | 19 | 35 | 18 | 48 | 11 | 8 | 11 | 14 |
| 20 | 1 | 43 | 6 | 28 | 1 15 | 11 | 8 | 18 | 0 | 19 | 53 | 19 | 26 | 10 | 5 | 12 | 52 |
| 21 | 2 | 44 | 19 | 20 | 0 7 | 11 | 3 | 18 | 12 | 20 | 11 | 20 | 6 | 10D. | 9 | 10 | 31 |
| 22 | 3 | 44 | 2 | 31 | 2S. 3 | 10 | 59 | 18 | 24 | 20 | 30 | 20 | 47 | 10 | 17 | 10 | 9 |
| 23 | 4 | 44 | 16 | 5 | 1 10 | 10 | 55 | 18 | 35 | 20 | 49 | 21 | 29 | 10 | 33 | 9 | 47 |
| 24 | 5 | 45 | 0 | 2 | 0 13 | 10 | 50 | 18 | 47 | 21 | 8 | 22 | 12 | 10 | 55 | 9 | 24 |
| 25 | 6 | 45 | 14 | 26 | 4 5 | 10 | 46 | 18 | 59 | 21 | 56 | 22 | 28 | 11 | 23 | 9 | 3 |
| 26 | 7 | 45 | 29 | 12 | 4 42 | 10 | 32 | 19 | 10 | 21 | 41 | 23 | 48 | 11 | 53 | 8 | 40 |
| 27 | 8 | 45 | 14 | 16 | 5 0 | 10 | 37 | 19 | 21 | 22 | 27 | 24 | 8 | 12 | 29 | 8 | 18 |
| 28 | 9 | 46 | 29 | 29 | 4 58 | 10 | 33 | 19 | 33 | 22 | 29 | 25 | 14 | 13 | 9 | 7 | 5 |

The Heliocentric Motions.

Feb. 1771.

| Days | Day-lig. | | | | | | | | | | | | Sun | | Clock | | |
|------|----------|----|----|----|----|----|----------|----|----|----------|----|----|-----|---|-------|----|---|
| | B. & E. | | | | | | Ri. Set. | | | too fast | | | | | | | |
| h | Ω | Ψ | ω | δ | σ | Θ | Ω | δ | Ω | ρ | σ | h | Ω | Ψ | h | Ω | |
| 12 | 37 | 8 | 52 | 16 | 21 | 12 | 32 | 26 | 28 | 12 | 27 | 5 | 30 | 7 | 7 | 30 | 5 |
| 7 | 12 | 50 | 9 | 22 | 19 | 8 | 18 | 36 | 6 | 13 | 16 | 51 | 21 | 7 | 7 | 20 | 5 |
| 13 | 13 | 3 | 9 | 51 | 21 | 53 | 24 | 40 | 15 | 57 | 15 | 12 | 12 | 7 | 7 | 9 | 5 |
| 19 | 13 | 16 | 10 | 21 | 24 | 37 | 0 | 43 | 25 | 41 | 9 | 12 | 0 | 7 | 6 | 57 | 6 |
| 25 | 13 | 29 | 10 | 51 | 27 | 2 | 6 | 45 | 5 | 24 | 29 | 27 | 50 | 7 | 6 | 46 | 6 |

| M. | H. Wat. Lon. Br. | The Lunar Aspects. | | | | | | | The mutual Aspects. |
|------|------------------|--------------------|---------|-----|-----|-----|-----|-----|------------------------|
| | | Mon. | Aftern. | (S) | n | 24 | 6 | 4 | |
| 1 | 3 10 | 3 | 28 | | | △12 | □16 | △6 | |
| 2 | 3 47 | 4 | 4 | | | □33 | △17 | □10 | |
| (3) | 4 21 | 4 | 41 | △18 | *12 | | | | 8②h |
| 4 | 5 0 | 5 | 21 | | | □16 | *22 | | △4 |
| 5 | 5 42 | 6 | 7 | | | | | *12 | △②6 |
| 6 | 6 33 | 7 | 0 | □2 | | | | | □7 |
| 7 | 7 27 | 7 | 59 | | | | | | ⑤②♀ |
| 8 | 8 31 | 9 | 4 | *17 | △2 | | 812 | | *14 |
| 9 | 9 38 | 10 | 9 | | | | | | |
| (10) | 10 41 | 11 | 11 | | | δ21 | | δ17 | |
| 11 | 11 42 | | | | | | | | |
| 12 | 0 0 | 0 | 36 | | | | | | Apog. |
| 13 | 1 0 | 1 | 23 | δ0 | | | △14 | δ3 | |
| 14 | 1 44 | 2 | 6 | 56 | | | | | |
| 15 | 2 26 | 2 | 46 | | | | | | |
| 16 | 3 1 | 3 | 16 | | | *0 | □3 | *0 | δ4♀ |
| (17) | 3 30 | 3 | 44 | | | △0 | □10 | *16 | □14 |
| 18 | 3 57 | 4 | 10 | | | | | | |
| 19 | 4 27 | 4 | 45 | *13 | | | | | |
| 20 | 5 3 | 5 | 25 | | □9 | △22 | | | |
| 21 | 5 47 | 6 | 12 | | | | △1 | | □7 |
| 22 | 6 40 | 7 | 8 | □2 | *15 | | | | △14 |
| 23 | 7 41 | 8 | 14 | | | δ8 | | | |
| (24) | 8 52 | 9 | 21 | △10 | | | | | |
| 25 | 10 9 | 10 | 48 | | | 87 | | 87 | |
| 26 | 11 25 | | | δ18 | | | | 820 | Perig. |
| 27 | 0 3 | 0 | 34 | | | *11 | | | |
| 28 | 1 5 | 1 | 33 | 817 | | | | | |

Parker.

March 1771.

The Planets Daily Motions Geocentric.

M

| M D. | S Lat. | W R | E R | The Planets Daily Motions Geocentric. | | | | S Declin. South. |
|--|-------------|-------------|--------------|---------------------------------------|------------|-----------|-----------|----------------------------|
| | | | | 1 N. 7 | 2 S. 1 | 3 N. 1 | 4 N. 2 | |
| The Planets Latitudes and Place of J's ♀ to every 6th Day. | 10 46 14 30 | 4 S. 35 | 10 29 19 44 | 22 51 26 13 | 53 13 53 | 20 7 32 | 48 7 32 | Sun's Declin. South. |
| 1 11 46 29 36 | 3 52 | 10 25 19 55 | 23 12 26 14 | 49 41 41 | 10 7 10 | 28 9 | 28 9 | |
| 2 12 46 14 21 | 2 56 | 10 22 20 6 | 23 34 27 15 | 38 32 32 | 19 6 47 | 20 5 37 | 20 5 37 | |
| 3 13 46 28 17 | 1 51 | 10 18 20 16 | 23 56 28 16 | 28 26 26 | 20 6 24 | 17 6 0 | 17 6 0 | |
| 4 14 46 11 M 53 | 0 40 | 10 15 20 27 | 24 19 29 17 | 19 23 23 | 18 6 0 | 17 5 37 | 17 5 37 | |
| 5 15 46 25 2 | 0 N. 30 | 10 11 20 38 | 24 42 0 M 11 | 11 18 23 | 23 5 37 | 20 4 51 | 20 4 51 | |
| 6 16 46 7 47 | 1 37 | 10 8 20 49 | 25 5 5 | 19 3 19 | 25 5 14 | 20 4 51 | 20 4 51 | |
| 7 17 46 20 11 | 2 37 | 10 5 20 59 | 25 28 1 | 56 20 29 | 29 4 51 | 21 5 37 | 21 5 37 | |
| 8 18 46 2 M 20 | 3 29 | 10 2 21 10 | 25 52 2 | 21 2 33 | 21 5 37 | 20 4 51 | 20 4 51 | |
| 9 19 45 14 20 | 4 11 | 9 59 21 21 | 26 16 3 | 44 22 44 | 44 4 4 | 40 3 40 | 40 3 40 | |
| 10 20 45 26 13 | 4 41 | 9 53 21 31 | 26 40 4 | 39 23 56 | 36 3 40 | 34 2 34 | 34 2 34 | |
| 11 21 45 8 M 4 | 5 0 | 9 52 21 41 | 27 5 5 | 34 25 11 | 31 3 17 | 30 2 30 | 30 2 30 | |
| 12 22 45 19 56 | 5 5 | 9 49 21 51 | 27 30 6 | 29 26 28 | 28 2 53 | 27 2 53 | 27 2 53 | |
| 13 23 44 1 M 52 | 4 58 | 9 46 22 1 | 27 55 7 | 25 27 47 | 29 2 29 | 28 2 29 | 28 2 29 | |
| 14 24 44 13 54 | 4 37 | 9 44 22 10 | 28 20 8 | 22 29 7 | 26 2 6 | 25 2 6 | 25 2 6 | |
| 15 25 44 26 4 | 4 3 | 9 41 22 20 | 28 46 9 | 19 0 M 28 | 18 4 42 | 17 1 18 | 17 1 18 | |
| 16 26 45 8 M 21 | 3 18 | 9 38 22 29 | 29 11 10 | 10 1 50 | 10 1 18 | 9 0 55 | 9 0 55 | |
| 17 27 43 20 49 | 2 23 | 9 36 22 39 | 29 37 11 | 14 3 12 | 12 0 55 | 11 1 16 | 11 1 16 | |
| 18 28 42 3 M 26 | 1 19 | 9 33 22 49 | 0 M 3 | 12 4 35 | 35 0 31 | 11 6 1 | 11 6 1 | |
| 19 29 42 16 17 | 0 11 | 9 31 22 58 | 0 30 13 | 10 6 1 | 31 0 16 | 10 7 29 | 10 7 29 | |
| 20 30 40 10 2 | 0 S. 59 | 9 29 23 7 | 0 57 14 | 10 7 29 | 29 0 N. 16 | 28 1 27 | 28 1 27 | |
| 21 31 41 12 M 37 | 2 8 | 9 28 23 16 | 1 24 15 | 10 8 59 | 59 0 40 | 10 7 27 | 10 7 27 | |
| 22 32 40 26 11 | 3 11 | 9 26 23 24 | 1 51 16 | 10 10 31 | 31 1 4 | 9 6 1 | 9 6 1 | |
| 23 33 40 10 2 | 4 4 | 9 24 23 33 | 2 19 17 | 11 12 4 | 12 1 27 | 10 1 27 | 10 1 27 | |
| 24 34 43 24 13 | 4 43 | 9 22 23 42 | 2 46 18 | 12 13 38 | 38 1 51 | 11 2 51 | 11 2 51 | |
| 25 35 43 8 M 40 | 5 6 | 9 21 23 50 | 3 14 19 | 13 15 14 | 14 2 48 | 12 2 48 | 12 2 48 | |
| 26 36 37 23 20 | 5 9 | 9 19 23 48 | 3 41 20 | 14 16 51 | 16 2 48 | 13 2 48 | 13 2 48 | |
| 27 37 38 22 3 | 5 2 | 9 13 24 31 | 5 32 23 | 21 21 31 | 21 4 48 | 20 3 48 | 20 3 48 | |
| 28 38 39 8 M 9 | 4 51 | 9 18 24 6 | 4 6 21 | 16 18 3 | 29 3 1 | 18 3 25 | 18 3 25 | |
| 29 39 36 22 58 | 4 14 | 9 16 24 15 | 4 36 22 | 18 20 8 | 20 3 25 | 18 3 25 | 18 3 25 | |
| 30 40 35 7 M 38 | 3 21 | 9 15 24 23 | 5 4 23 | 20 21 49 | 49 3 48 | 19 3 48 | 19 3 48 | |
| 31 41 34 22 3 | 3 2 | 9 13 24 31 | 5 32 23 | 21 21 31 | 21 4 48 | 20 3 48 | 20 3 48 | |

The Heliocentric Motions.

March 1771.

| Date | h | Ω | ψ | ν | T | Φ | Θ | 改正 | r | E | Ω | m | Day-Lig. | Sun | Clock |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----------|----------|----------|
| | | | | | | | | | | | | | B. & E. | Ri. Set. | too fast |
| 13 | 38 | 11 | 11 | 29 | 30 | 10 | 46 | 11 | 51 | 11 | 39 | 11 | 4 43 8 | 6 38 6 | 12 49 |
| 13 | 51 | 11 | 41 | 18 | 52 | 16 | 46 | 21 | 31 | 28 | 48 | 11 | 4 30 8 | 6 26 6 | 11 28 |
| 14 | 4 | 12 | 12 | 4 | 33 | 22 | 45 | 11 | 10 | 15 | 19 | 12 | 4 17 8 | 6 14 6 | 9 52 |
| 14 | 17 | 12 | 42 | 7 | 14 | 28 | 42 | 10 | 47 | 14 | 58 | 12 | 4 4 8 | 5 2 6 | 8 6 |
| 15 | 20 | 12 | 9 | 54 | 45 | 20 | 22 | 20 | 22 | 10 | 2 | 12 | 2 50 5 | 5 07 | 6 1 |

| M. D. | H. Wat. Lon. B. | | The Lunar Aspects. | | | | | | The Mutual Aspects. | |
|----------|-----------------|---------|--------------------|----|------|------|------|------|------------------------|--------|
| | Morn. | Aftern. | ○ | □ | △ | ○ | △ | ○ | △ | |
| 1 | 2 | 2 | 2 | 27 | | △ 2 | □ 14 | △ 19 | | |
| 2 | 2 | 3 | 3 | 10 | * 18 | | | | | |
| 3 | 28 | 3 | 54 | | □ 11 | △ 18 | | △ 4 | | |
| 4 | 4 | 2 | 4 | 21 | □ 21 | | | □ 2 | | |
| 5 | 4 | 41 | 5 | 41 | △ 6 | * 16 | | □ 16 | | |
| 6 | 5 | 21 | 5 | 45 | | | | * 11 | | |
| 7 | 6 | 9 | 6 | 35 | □ 9 | △ 4 | | | | |
| 8 | 7 | 2 | 7 | 31 | | | 8 0 | | * 2 | |
| 9 | 8 | 1 | 8 | 32 | | | | | | |
| 10 | 9 | 4 | 9 | 35 | * 13 | | 6 14 | | | |
| 11 | 10 | 7 | 10 | 37 | | | | 6 18 | | * ④ |
| 12 | 11 | 7 | 11 | 35 | | 8 4 | | | | Apog. |
| 13 | 12 | | 0 | 3 | | | △ 14 | | 6 15 | |
| 14 | 0 | 27 | 0 | 51 | | | | | | △ 6 2 |
| 15 | 1 | 13 | 1 | 3 | 6 23 | | * 16 | | | |
| 16 | 1 | 57 | 2 | 19 | | | □ 6 | | | |
| 17 | 2 | 37 | 2 | 55 | | △ 2 | | | * 4 | |
| 18 | 3 | 16 | 3 | 26 | | □ 2 | * 17 | | | |
| 19 | 3 | 41 | 3 | 57 | | □ 1 | | □ 19 | * 2 | |
| 20 | 4 | 14 | 4 | 32 | | △ 12 | | | | |
| 21 | 4 | 52 | 5 | 12 | * 2 | * 18 | | | □ 16 | △ 6 2 |
| 22 | 5 | 30 | 6 | 0 | | | | △ 4 | | |
| 23 | 6 | 30 | 7 | 1 | □ 12 | | 6 10 | | | |
| 24 | 7 | 31 | 8 | 7 | | △ 23 | | | △ 4 | |
| 25 | 8 | 43 | 9 | 19 | △ 19 | | | | | |
| 26 | 9 | 57 | 0 | 35 | | 6 | | 8 18 | | Perig. |
| 27 | 11 | 1 | 11 | 47 | | | * 16 | | | |
| 28 | 0 | 17 | | | | | | 8 16 | | |
| 29 | 0 | 46 | 1 | 14 | | △ 2 | □ 20 | | | △ ④ b |
| 30 | 1 | 43 | 2 | 9 | 8 3 | * 2 | | | | |
| 31 | 2 | 26 | 2 | 56 | | □ 4 | | △ 4 | | |

Parker.

April 1771.

The Planets Daily Motions Geocentric.

18 m

| The Planets Latitudes and Place of ♀'s ♀ to every 6th Day. | | 1 | IN. | 3 | 0 S. | 7 | 2 N. | 9 | ON. | 43 | 2 S. | 17 | 19 | 9 |
|--|--|----|-----|---|------|----|------|----|------|----|------|----|----|----|
| | | 7 | 1 | 3 | 0 | 8 | 2 | 4 | 0 | 11 | 1 | 57 | 18 | 50 |
| | | 13 | 1 | 3 | 0 | 9 | 2 | 0 | 0 S. | 18 | 1 | 16 | 18 | 31 |
| | | 19 | 1 | 2 | 0 | 10 | 1 | 56 | 0 | 43 | 0 | 20 | 18 | 12 |
| | | 25 | 1 | 2 | 0 | 11 | 1 | 51 | 1 | 5 | 0 N. | 44 | 17 | 54 |

| M. D. | ⊕ | ☿ | ☽ | m | Lat. | ⊕ | ☿ | ☽ | ♀ | ♀ | ☿ | ☽ | ☿ | ☽ | Sun's Declin. North. | | |
|----------|----|----|---------------------|----|--------|----|------|----|----|----|----|----|-----|----|----------------------------|-------|-------|
| 1 | 11 | 33 | 6 | 5 | 18. 3 | 9 | 12 | 24 | 93 | 6 | 0 | 25 | 26 | 25 | 15 | 4 34 | |
| 2 | 12 | 32 | 19 | 43 | ON. 11 | 9 | 11 | 24 | 46 | 6 | 28 | 26 | 29 | 27 | 0 | 4 58 | |
| 3 | 13 | 31 | 2 | 45 | 1 | 2 | 9 | 10 | 24 | 54 | 6 | 57 | 27 | 32 | 23 | 5 20 | |
| 4 | 14 | 30 | 15 | 45 | 2 | 28 | 9 | 9 | 25 | 1 | 7 | 26 | 23 | 36 | 0 V 3 ^h | 5 43 | |
| 5 | 15 | 29 | 28 | 14 | 3 | 24 | 9 | 9 | 25 | 8 | 7 | 55 | 29 | 40 | 2 | 26 | 6 6 |
| 6 | 16 | 28 | 10 V 27 | 4 | 10 | 9 | 8 | 25 | 15 | 8 | 25 | 0 | 644 | 4 | 18 | 6 29 | |
| 7 | 17 | 27 | 22 | 29 | 4 | 44 | 9 | 8 | 25 | 21 | 8 | 55 | 1 | 43 | 6 | 11 | 6 51 |
| 8 | 18 | 26 | 4 | 23 | 5 | 5 | 9 | 8 | 25 | 28 | 9 | 24 | 2 | 51 | 8 | 5 | 7 14 |
| 9 | 19 | 25 | 16 | 16 | 5 | 14 | 9 | 7 | 25 | 34 | 9 | 54 | 3 | 58 | 10 | 0 | 7 26 |
| 10 | 20 | 23 | 28 | 10 | 5 | 9 | 9 D. | 7 | 25 | 41 | 10 | 24 | 5 | 2 | 11 | 56 | 7 58 |
| 11 | 21 | 22 | 10 | 10 | 4 | 50 | 9 | 8 | 25 | 47 | 10 | 54 | 6 | 8 | 13 | 54 | 8 21 |
| 12 | 22 | 21 | 22 | 18 | 4 | 18 | 9 | 8 | 25 | 53 | 11 | 25 | 7 | 14 | 15 | 54 | 8 43 |
| 13 | 23 | 20 | 4 V 37 | 3 | 34 | 9 | 8 | 25 | 58 | 11 | 55 | 8 | 19 | 17 | 56 | 9 4 | |
| 14 | 24 | 18 | 17 | 9 | 2 | 39 | 9 | 9 | 26 | 4 | 12 | 26 | 9 | 25 | 19 | 59 | 9 26 |
| 15 | 25 | 17 | 29 | 53 | 1 | 35 | 9 | 9 | 26 | 9 | 12 | 56 | 10 | 31 | 22 | ? | 9 47 |
| 16 | 26 | 15 | 12 | 51 | 0 | 45 | 9 | 10 | 26 | 15 | 13 | 27 | 11 | 36 | 24 | 8 | 10 9 |
| 17 | 27 | 14 | 26 | 3 | 0 S. | 48 | 9 | 10 | 26 | 20 | 13 | 57 | 12 | 42 | 26 | 14 | 10 30 |
| 18 | 28 | 13 | 9 | 27 | 1 | 59 | 9 | 11 | 26 | 25 | 14 | 28 | 13 | 48 | 28 | 21 | 10 51 |
| 19 | 29 | 11 | 23 | 3 | 3 | 5 | 9 | 12 | 26 | 30 | 14 | 59 | 14 | 55 | 0 | 29 | 11 12 |
| 20 | 30 | 9 | 62 | 49 | 4 | 7 | 9 | 13 | 26 | 34 | 15 | 30 | 16 | 1 | 2 | 37 | 11 32 |
| 21 | 1 | 8 | 20 | 47 | 4 | 47 | 9 | 15 | 26 | 39 | 16 | 1 | 17 | 8 | 4 | 44 | 11 53 |
| 22 | 2 | 6 | 4 Q 15 ^h | 5 | 9 | 9 | 16 | 26 | 43 | 16 | 33 | 18 | 15 | 6 | 52 | 12 13 | |
| 23 | 3 | 5 | 9 | 9 | 5 | 17 | 9 | 17 | 26 | 48 | 17 | 3 | 19 | 22 | 9 | 6 | 12 33 |
| 24 | 4 | 3 | 3 | 29 | 5 | 4 | 9 | 19 | 26 | 52 | 17 | 35 | 20 | 29 | 11 | 8 | 12 53 |
| 25 | 5 | 1 | 17 | 51 | 4 | 33 | 9 | 20 | 26 | 56 | 18 | 7 | 21 | 37 | 13 | 16 | 13 13 |
| 26 | 6 | 0 | 2 | 11 | 3 | 45 | 9 | 22 | 26 | 59 | 18 | 39 | 22 | 44 | 15 | 22 | 13 32 |
| 27 | 6 | 58 | 16 | 25 | 2 | 44 | 9 | 24 | 27 | 3 | 19 | 10 | 23 | 51 | 27 | 26 | 13 51 |
| 28 | 7 | 56 | 0 | 25 | 1 | 32 | 9 | 26 | 27 | 6 | 19 | 42 | 24 | 59 | 19 | 28 | 14 10 |
| 29 | 8 | 54 | 14 | 11 | 0 | 17 | 9 | 28 | 27 | 9 | 20 | 14 | 26 | 6 | 21 | 28 | 14 29 |
| 30 | 9 | 52 | 27 | 39 | 0 N. | 57 | 9 | 30 | 27 | 12 | 20 | 46 | 27 | 14 | 23 | 26 | 14 47 |

The Heliocentric Motions.

April 1771.

| Date | b | α | η | ω | δ | ε | Θ | ε | Ω | φ | Q | ω | η | Day | deg. | Sun | Clock | |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----------|------|-------|----------|
| | h | m | s | m | s | m | s | m | s | m | s | m | s | h | Br. & E. | Rise | Set | tee fast |
| 1 14 | 46 | 13 | 47 | 13 | c | 11 | 33 | 1 | 31 | 12 | 18 | 3 | 33 | 9 | 5 36 | 7 | 4 4 | |
| 7 14 | 59 | 14 | 17 | 15 | 39 | 17 | 27 | 11 | 3 | 42 | 4 | 3 | 17 | 9 | 5 25 | 7 | 2 16 | |
| 13 15 | 12 | 14 | 48 | 18 | 17 | 23 | 20 | 34 | 2 | 17 | 0 | 3 | 2 | 5 | 5 13 | 7 | 0 34 | |
| 19 15 | 25 | 15 | 18 | 20 | 55 | 29 | 11 | 09 | 4 | 40 | 33 | 2 | 47 | 10 | 5 27 | 7 | 0 54 | |
| 25 15 | 38 | 15 | 48 | 23 | 33 | 51 | 1 | 9 | 33 | 11 | 11 | 26 | 2 | 26 | 10 | 4 51 | 8 | 2 1 |

| H. Wat. Lon. B. | | The Lunar Aspects. | | | | | | The Mutual Aspects. | |
|-----------------|-------|--------------------|----|----|------|------|------|---------------------|------------------|
| | Morn. | Altair. | ○ | h | ¶ | ♂ | ♀ | ♀ | |
| 1 | 3 | 15 | 3 | 32 | | □ 6 | △ 0 | | |
| 2 | 3 | 49 | 4 | 7 | | * 10 | | □ 13 | △ 13 |
| 3 | 4 | 26 | 4 | 46 | △ 22 | △ 11 | | | |
| 4 | 5 | 7 | 5 | 28 | | | | | |
| 5 | 5 | 50 | 6 | 16 | | | 8 20 | * 3 | □ 8 |
| 6 | 6 | 42 | 7 | 8 | □ 13 | | | | |
| 7 | 7 | 34 | 8 | 3 | | σ 6 | | | |
| 8 | 8 | 33 | 9 | 2 | | 8 10 | | | |
| 9 | 9 | 32 | 10 | 0 | * 6 | | | | * 8 △ h ♀ |
| 10 | 10 | 29 | 10 | 57 | | | | | ○ Apog. |
| 11 | 11 | 25 | 11 | 51 | | | △ 1 | | |
| 12 | | 0 | 13 | | | * 8 | | | |
| 13 | 0 | 41 | 1 | 5 | △ 8 | | □ 16 | | |
| 14 | 1 | 28 | 1 | 51 | σ 15 | | □ 18 | | |
| 15 | 2 | 14 | 2 | 38 | | □ 16 | | * 22 | σ 6 |
| 16 | 2 | 56 | 3 | 14 | | | | | ○ ○ ♀ |
| 17 | 3 | 31 | 3 | 48 | | | △ 0 | | σ ○ ♀ □ ♀ ♀ |
| 18 | 4 | 6 | 4 | 24 | | * 0 | | | □ 9 |
| 19 | 4 | 45 | 5 | 7 | * 22 | | | | * 16 △ h ♀ |
| 20 | 5 | 32 | 5 | 57 | | | | | |
| 21 | 6 | 26 | 7 | 55 | □ 19 | 8 12 | σ 15 | △ 16 | * 16 △ h ♀ |
| 22 | 7 | 27 | 7 | 59 | | σ 7 | | | □ 4 △ Perig. |
| 23 | 8 | 34 | 9 | 9 | | | | | □ h ♀ |
| 24 | 9 | 45 | 10 | 20 | △ 1 | | | | △ 15 |
| 25 | 10 | 52 | 11 | 27 | | | △ 15 | * 0 8 8 | |
| 26 | 11 | 58 | | | | * 12 | | | |
| 27 | 0 | 29 | 0 | 56 | | | □ 15 | □ 6 | |
| 28 | 1 | 24 | 1 | 51 | 8 14 | □ 16 | | | |
| 29 | 2 | 18 | 2 | 39 | | | * 23 | △ 12 | 8 15 □ ○ h * ♀ ♀ |
| 30 | 3 | 3 | 3 | 18 | | △ 22 | | | △ c |

Parker.

May 1771.

The Planets Daily Motions Geocentric.

| | 1 | IN. 2 | o S. II | 1 N. 47 | 1 S. 23 | 1 N. 41 | 17 | 35 |
|--|----|-------|---------|---------|---------|---------|----|----|
| | 7 | 1 2 | 0 12 | 1 43 | 1 38 | 2 18 | 17 | 13 |
| | 13 | 1 2 | 0 13 | 1 40 | 1 49 | 2 26 | 16 | 59 |
| | 19 | 1 2 | 0 14 | 1 36 | 1 56 | 2 6 | 16 | 40 |
| | 25 | 1 2 | 0 15 | 1 32 | 2 6 | 1 16 | 16 | 22 |
| The Planets Latitudes and Place of Jup's & to every 6th Day. | | | | | | | | |
| M. D. | ⊕ | ⊗ | ⊕ | ⊗ | Lat | h | ⊕ | ⊗ |
| | | | | | | h | ⊕ | ⊗ |
| 1 | 10 | 50 | 10 | 46 | 2 N. 7 | 9 | 32 | 27 |
| 2 | 11 | 49 | 23 | 34 | 3 | 8 | 9 | 35 |
| 3 | 12 | 47 | 6 Vp 3 | 3 | 50 | 9 | 37 | 27 |
| 4 | 13 | 45 | 18 | 18 | 4 | 38 | 9 | 39 |
| 5 | 14 | 43 | 0 M 22 | 5 | 4 | 9 | 42 | 27 |
| 6 | 15 | 41 | 12 | 18 | 5 | 17 | 9 | 44 |
| 7 | 16 | 39 | 24 | 12 | 5 | 16 | 9 | 47 |
| 8 | 17 | 36 | 6 X 6 | 6 | 5 | 1 | 9 | 50 |
| 9 | 18 | 34 | 18 | 9 | 4 | 33 | 9 | 53 |
| 10 | 19 | 32 | 0 V 21 | 3 | 53 | 9 | 56 | 27 |
| 11 | 20 | 30 | 12 | 46 | 3 | 1 | 9 | 59 |
| 12 | 21 | 28 | 25 | 26 | 1 | 59 | 10 | 27 |
| 13 | 22 | 26 | 8 O 27 | 0 | 49 | 10 | 5 | 27 |
| 14 | 23 | 24 | 21 | 46 | 0 S. 24 | 10 | 9 | 27 |
| 15 | 24 | 21 | 5 I 24 | 1 | 39 | 10 | 12 | 27 |
| 16 | 25 | 19 | 19 | 14 | 2 | 43 | 10 | 16 |
| 17 | 26 | 17 | 3 D 17 | 3 | 48 | 10 | 19 | 27 |
| 18 | 27 | 14 | 17 | 29 | 4 | 35 | 10 | 23 |
| 19 | 28 | 12 | 18 | 45 | 5 | 6 | 10 | 27 |
| 20 | 29 | 10 | 15 | 59 | 5 | 17 | 10 | 31 |
| 21 | 1 | 7 | 0 D 3 | 5 | 9 | 10 | 35 | 27 |
| 22 | 2 | 5 | 14 | 21 | 4 | 34 | 10 | 40 |
| 23 | 3 | 3 | 28 | 23 | 3 | 59 | 10 | 44 |
| 24 | 3 | 0 | 12 | 18 | 3 | 2 | 10 | 48 |
| 25 | 3 | 58 | 26 | 3 | I | 55 | 10 | 52 |
| 26 | 4 | 55 | 9 M 38 | 3 | 43 | 10 | 57 | 27 |
| 27 | 5 | 53 | 22 | 55 | 0 N. 31 | 11 | 2 | 27 |
| 28 | 6 | 50 | 64 | 7 | I | 42 | 11 | 6 |
| 29 | 7 | 48 | 19 | 2 | 2 | 46 | 11 | 27 |
| 30 | 8 | 45 | 2 Vp 39 | 3 | 41 | 11 | 16 | 16 |
| 31 | 9 | 42 | 14 | 5 | 4 | 24 | 11 | 27 |

The Heliocentric Motions.

May 1771.

| Days | T ₁ | S ₁ | U | W ₁ | 3 | S ₁ | Θ | M | ♀ | W ₁ | ♀ | Θ ₀ | Day-1g. B. & F. | Sun Ri. Set | C. ck too flo. |
|------|----------------|----------------|----|----------------|----|----------------|----|----|-----------------|-----------------|----|----------------|--------------------|----------------|-------------------|
| 1 | 15 | 51 | 16 | 18 | 26 | 10 | 10 | 50 | 19 | 2 | 18 | 41 | 2 | 6 | 10 |
| 7 | 16 | 4 | 16 | 49 | 28 | 48 | 16 | 39 | 28 | 31 | 22 | 51 | 3 | 14 | 14 |
| 13 | 16 | 17 | 17 | 19 | 11 | 25 | 22 | 26 | 8 ^{mm} | 9 ^{mm} | 53 | 53 | 1 | 19 | 14 |
| 19 | 16 | 31 | 17 | 49 | 4 | 2 | 28 | 12 | 17 | 29 | 12 | 54 | 0 | 48 | 12 |
| 25 | 16 | 44 | 18 | 19 | 6 | 40 | 3 | 58 | 26 | 59 | 21 | 46 | No Nig. | 4 | 8 |

| D. | H. Wat. Lon. B. | The Lunar Aspects. | | | | | | | The Mutual Aspects. |
|----|-----------------|--------------------|---------|------|------|------|------|---|---------------------|
| | | Morn. | Aftern. | (○) | □ | △ | ○ | ♀ | |
| 1 | 3 35 | 3 52 | | | | | | | |
| 2 | 4 9 | 4 30 | | | | | □ 11 | | |
| 3 | 4 50 | 5 9 | △ 14 | | | | | | |
| 4 | 5 28 | 5 50 | | | ○ 18 | △ 10 | | | |
| 5 | 6 13 | 6 37 | | ○ 19 | | | | | |
| 6 | 7 1 | 7 26 | □ 7 | | | | | | ★ ♀ ♀ Apog. |
| 7 | 7 51 | 8 19 | | | | | | | |
| 8 | 8 47 | 9 16 | | | | | | | |
| 9 | 9 45 | 10 12 | * 1 | | * 18 | △ 4 | | | * ♀ ♀ |
| 10 | 10 40 | 11 9 | | △ 19 | | | | | □ 2 |
| 11 | 11 38 | 12 0 | | | □ 4 | □ 3 | | | △ ♀ ♀ |
| 12 | 0 0 | 0 32 | | | | | | | 8 4 8 |
| 13 | 0 57 | 1 23 | | □ 4 | | | | | |
| 14 | 1 40 | 2 15 | ○ 3 | | △ 12 | * 10 | | | |
| 15 | 2 3 | 3 2 | * 10 | | | | | | * 18 8 21 |
| 16 | 3 21 | 3 41 | | | | | | | |
| 17 | 3 59 | 4 17 | | | | | | | |
| 18 | 4 39 | 5 2 | * 19 | | 8 17 | ○ 23 | □ 1 | | △ ○ 4 |
| 19 | 5 2 | 5 49 | | ○ 15 | | | | | |
| 20 | 6 16 | 6 41 | | | | | | | △ Perig. |
| 21 | 7 1 | 7 42 | □ 0 | | | | | | * ♀ |
| 22 | 8 13 | 8 45 | | | △ 22 | | | | |
| 23 | 9 19 | 9 53 | △ 7 | * 21 | | ○ 12 | | | |
| 24 | 10 26 | 10 50 | | | | | | | △ 20 |
| 25 | 11 31 | | | | | | | | |
| 26 | 0 4 | 0 32 | | □ 2 | | | | | |
| 27 | 1 1 | 1 23 | | | * 9 | | | | |
| 28 | 1 54 | 2 19 | ○ 1 | △ 10 | | △ 0 | | | □ ♀ ♀ * ○ 8 |
| 29 | 2 44 | 3 3 | | | | | | | |
| 30 | 3 21 | 3 37 | | | | | | | |
| 31 | 3 52 | 4 9 | | | | | | | |

C

The Planets Daily Motions Geocentric.

10

| | IN. 1 | 05. 17 | IN. 17 | 25. 6 | 08. 43 | 1 |
|---|-------|--------|--------|-------|--------|----|
| | 1 | 1 | 0 | 18 | 1 | 57 |
| | 2 | 2 | 0 | 19 | 2 | 24 |
| The Planets Latitudes, and Place of ♀'s ♀ to every Sixth Day. | 7 | 1 | 0 | 18 | 1 | 57 |
| | 13 | 1 | 2 | 19 | 1 | 51 |
| | 19 | 1 | 2 | 20 | 1 | 47 |
| | 25 | 1 | 2 | 21 | 1 | 42 |
| | 1 | 2 | 0 | 21 | 1 | 37 |
| | 7 | 1 | 1 | 22 | 1 | 31 |
| | 13 | 1 | 2 | 21 | 1 | 24 |
| | 19 | 1 | 2 | 20 | 1 | 18 |
| | 25 | 1 | 2 | 19 | 1 | 14 |
| | 1 | 2 | 0 | 19 | 1 | 9 |
| | 7 | 1 | 1 | 18 | 1 | 4 |
| | 13 | 1 | 2 | 17 | 1 | 22 |
| | 19 | 1 | 2 | 16 | 1 | 27 |
| | 25 | 1 | 2 | 15 | 1 | 32 |
| | 1 | 2 | 0 | 15 | 1 | 37 |
| | 7 | 1 | 1 | 14 | 1 | 42 |
| | 13 | 1 | 2 | 13 | 1 | 47 |
| | 19 | 1 | 2 | 12 | 1 | 52 |
| | 25 | 1 | 2 | 11 | 1 | 57 |
| | 1 | 2 | 0 | 11 | 1 | 51 |
| | 7 | 1 | 1 | 10 | 1 | 46 |
| | 13 | 1 | 2 | 9 | 1 | 41 |
| | 19 | 1 | 2 | 8 | 1 | 36 |
| | 25 | 1 | 2 | 7 | 1 | 31 |
| | 1 | 2 | 0 | 7 | 1 | 26 |
| | 7 | 1 | 1 | 6 | 1 | 21 |
| | 13 | 1 | 2 | 5 | 1 | 16 |
| | 19 | 1 | 2 | 4 | 1 | 11 |
| | 25 | 1 | 2 | 3 | 1 | 6 |
| | 1 | 2 | 0 | 3 | 1 | 1 |
| | 7 | 1 | 1 | 2 | 1 | 22 |
| | 13 | 1 | 2 | 1 | 17 | 2 |
| | 19 | 1 | 2 | 0 | 1 | 12 |
| | 25 | 1 | 2 | 1 | 1 | 7 |
| | 1 | 2 | 0 | 1 | 1 | 2 |
| | 7 | 1 | 1 | 0 | 1 | 23 |
| | 13 | 1 | 2 | 1 | 1 | 28 |
| | 19 | 1 | 2 | 0 | 1 | 23 |
| | 25 | 1 | 2 | 1 | 1 | 18 |
| | 1 | 2 | 0 | 1 | 1 | 13 |
| | 7 | 1 | 1 | 0 | 1 | 8 |
| | 13 | 1 | 2 | 1 | 1 | 3 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | 13 | 1 | 2 | 1 | 1 | 1 |
| | 19 | 1 | 2 | 0 | 1 | 1 |
| | 25 | 1 | 2 | 1 | 1 | 1 |
| | 1 | 2 | 0 | 1 | 1 | 1 |
| | 7 | 1 | 1 | 0 | 1 | 1 |
| | | | | | | |

The Heliocentrick Motions.

June 1771.

| D. | h | δ | γ | ψ | ν | δ | μ | θ | π | φ | κ | λ | μ |
|----|----|----|----|----|---|----|----|-----|----|----|-----|------|----|
| 1 | 16 | 59 | 18 | 59 | | 9 | 44 | 0 | 40 | 8 | 423 | 17 | |
| 2 | 17 | 12 | 19 | 2 | | 2 | 21 | 16 | 24 | 17 | 36 | 9255 | |
| 3 | 17 | 25 | 19 | 56 | | 14 | 59 | 22 | 8 | 27 | 8 | 26 | 27 |
| 4 | 17 | 38 | 20 | 26 | | 17 | 3 | 27 | 51 | 6 | V41 | 12V9 | 7 |
| 5 | 17 | 51 | 20 | 56 | | 20 | 10 | 3V9 | 35 | 16 | 15 | 2m | 15 |

| M. | H. Wat. Lon. B. | | the Lunar Aspects. | | | | | | The Mutual Aspects. | | |
|----|-----------------|---------|--------------------|----|---|----|---|----|---------------------|----|-----|
| | Morn. | Aftern. | W | 1 | 4 | 0 | Y | Ω | | | |
| 1 | 4 | 25 | 4 | 43 | | | | | | | |
| 2 | 5 | 3 | 5 | 18 | △ | 6 | 8 | 6 | | | |
| 3 | 5 | 36 | 5 | 58 | | | | | | | |
| 4 | 6 | 20 | 6 | 41 | △ | 6 | 8 | 6 | | | |
| 5 | 7 | 3 | 7 | 27 | □ | 1 | | | | | |
| 6 | 7 | 51 | 8 | 19 | | | * | 1 | | | |
| 7 | 8 | 47 | 9 | 17 | * | 18 | △ | 7 | | | |
| 8 | 9 | 48 | 10 | 18 | | | □ | 12 | | | |
| 9 | 10 | 4 | 11 | 21 | □ | 10 | | | □ | 20 | 620 |
| 10 | 11 | 55 | | | | | △ | 16 | | | |
| 11 | 0 | 24 | 0 | 54 | * | 20 | | | | | |
| 12 | 1 | 22 | 1 | 50 | 6 | 13 | | | * | 2 | 68 |
| 13 | 2 | 19 | 2 | 48 | | | | | | | |
| 14 | 3 | 8 | 3 | 28 | | | 3 | 22 | * | 11 | |
| 15 | 3 | 46 | 4 | 4 | | | | | | | |
| 16 | 4 | 24 | 4 | 45 | * | 22 | 6 | | 6 | 9 | 47 |
| 17 | 5 | 6 | 5 | 27 | | | | | | | |
| 18 | 5 | 53 | 6 | 17 | | | | | | | |
| 19 | 6 | 44 | 7 | 12 | □ | 5 | | | 6 | 9 | 47 |
| 20 | 7 | 43 | 8 | 14 | * | 8 | | | * | 2 | 10 |
| 21 | 8 | 45 | 9 | 14 | △ | 13 | | | △ | 10 | △4Y |
| 22 | 9 | 50 | 10 | 24 | | | □ | 12 | | | |
| 23 | 10 | 57 | 11 | 30 | | | * | 11 | □ | 4 | 822 |
| 24 | | | 0 | 1 | △ | 21 | | | | | |
| 25 | 0 | 31 | 0 | 59 | | | | | | | |
| 26 | 1 | 26 | 1 | 52 | 8 | 14 | | | | | |
| 27 | 2 | 19 | 2 | 31 | | | | | | | |
| 28 | 2 | 59 | 2 | 15 | | | | | | | |
| 29 | 3 | 30 | 3 | 44 | | | | | | | |
| 30 | 3 | 57 | 3 | 12 | | | | | | | |

Parker.

July 1771.

The Planets Daily Motions Geocentric

182 111

| The Planets Latitudes and Place of the Sun's to every 6th D.y. | | 1 N. 2 | 03. 22 | 1 N. 9 | 15. 19 | 3. 31 | 14 | 31 |
|--|---|--------|--------|--------|--------|-------|----|----|
| 7 | 1 | 2 | 0 | 23 | 1 | 6 | 1 | 2 |
| 13 | 1 | 2 | 0 | 24 | 1 | 2 | 0 | 49 |
| 19 | 1 | 2 | 0 | 25 | 0 | 59 | 0 | 33 |
| 25 | 1 | 2 | 0 | 25 | 0 | 55 | 0 | 13 |

| M D. | ⊕ | ⊖ | ☽ | ☽ | Lat. D | h | Ω | 4 R | W | δ | Ω | Ω | II | Ω | II | Sun's Declin. North |
|---------|----|----|----|-------|--------|------|----|--------|----|----|----|----|----|----|----------|---------------------------|
| 1 | 9 | 18 | 28 | 31 | 4 N 59 | 14 | 2 | 4 | 25 | 26 | 14 | 9 | 44 | 18 | 40 | 23 8 |
| 2 | 10 | 15 | 10 | 2 | 4 N 39 | 14 | 3 | 4 | 18 | 26 | 50 | 10 | 56 | 19 | 24 | 23 4 |
| 3 | 11 | 12 | 22 | 18 | 4 | 7 | 14 | 31 | 4 | 10 | 27 | 26 | 12 | 8 | 20 | 13 23 |
| 4 | 12 | 9 | 4 | W 6 | 3 | 23 | 14 | 41 | 4 | 3 | 28 | 3 | 13 | 20 | 21 | 6 22 55 |
| 5 | 13 | 6 | 16 | 26 | 2 | 30 | 14 | 52 | 23 | 55 | 28 | 39 | 14 | 31 | 22 | 3 22 49 |
| 6 | 14 | 4 | 28 | 50 | 1 | 29 | 14 | 59 | 23 | 48 | 29 | 15 | 15 | 43 | 23 | 5 22 43 |
| 7 | 15 | 1 | 11 | 14 | 0 | 22 | 15 | 6 | 23 | 40 | 29 | 51 | 16 | 55 | 24 | 12 22 37 |
| 8 | 15 | 58 | 24 | 42 | 08. 47 | 15 | 13 | 23 | 33 | 0 | 28 | 18 | 7 | 25 | 23 | 22 30 |
| 9 | 16 | 55 | 2 | 11 18 | 1 | 58 | 15 | 20 | 23 | 25 | 1 | 4 | 19 | 19 | 26 | 39 22 24 |
| 10 | 17 | 52 | 22 | 24 | 3 | 2 | 15 | 27 | 23 | 17 | 1 | 41 | 20 | 31 | 27 | 59 22 16 |
| 11 | 18 | 50 | 6 | 25 56 | 3 | 58 | 15 | 34 | 23 | 10 | 2 | 17 | 21 | 43 | 29 | 23 22 8 |
| 12 | 19 | 47 | 21 | 48 | 4 | 39 | 15 | 41 | 23 | 2 | 2 | 54 | 22 | 55 | 0 | 20 51 22 0 |
| 13 | 20 | 44 | 6 | 81 52 | 5 | 0 | 15 | 48 | 22 | 54 | 3 | 30 | 24 | 7 | 2 | 23 21 52 |
| 14 | 21 | 41 | 21 | 57 | 5 | 1 | 15 | 56 | 22 | 47 | 4 | 7 | 25 | 19 | 3 | 59 21 43 |
| 15 | 22 | 38 | 6 | 20 54 | 4 | 41 | 16 | 3 | 22 | 39 | 4 | 43 | 26 | 32 | 5 | 38 21 33 |
| 16 | 23 | 36 | 21 | 34 | 4 | 3 | 16 | 10 | 22 | 31 | 5 | 20 | 27 | 44 | 7 | 21 21 24 |
| 17 | 24 | 33 | 5 | 25 53 | 3 | 10 | 16 | 18 | 22 | 24 | 5 | 57 | 28 | 56 | 9 | 8 21 14 |
| 18 | 25 | 30 | 19 | 47 | 2 | 7 | 16 | 25 | 22 | 16 | 6 | 33 | 0 | 8 | 10 | 58 21 4 |
| 19 | 26 | 27 | 3 | 11 21 | c | 59 | 16 | 32 | 22 | 8 | 7 | 10 | 1 | 21 | 12 | 52 20 53 |
| 20 | 27 | 25 | 16 | 35 | 0 | N 11 | 16 | 39 | 22 | 0 | 7 | 47 | 2 | 33 | 14 | 48 20 42 |
| 21 | 28 | 22 | 29 | 31 | 1 | 19 | 16 | 47 | 21 | 53 | 8 | 24 | 3 | 46 | 16 | 46 20 30 |
| 22 | 29 | 19 | 12 | 13 | 2 | 27 | 16 | 55 | 21 | 45 | 9 | 1 | 4 | 58 | 18 | 46 20 19 |
| 23 | 30 | 17 | 24 | 45 | 3 | 16 | 17 | 2 | 21 | 37 | 9 | 38 | 6 | 11 | 20 | 48 20 7 |
| 24 | 1 | 14 | 7 | W 9 | 4 | 1 | 17 | 10 | 21 | 30 | 10 | 15 | 7 | 24 | 22 | 52 19 54 |
| 25 | 2 | 11 | 9 | 16 | 4 | 34 | 17 | 17 | 21 | 22 | 10 | 52 | 8 | 36 | 24 | 57 19 41 |
| 26 | 3 | 8 | 1 | 22 2 | 4 | 54 | 17 | 25 | 21 | 15 | 11 | 29 | 9 | 45 | 17 | 3 19 28 |
| 27 | 4 | 6 | 13 | 22 | 5 | 1 | 37 | 32 | 21 | 8 | 12 | 7 | 11 | 2 | 29 | 10 19 15 |
| 28 | 5 | 5 | 14 | 6 | 4 | 55 | 7 | 40 | 21 | 0 | 12 | 44 | 12 | 14 | 18 | 19 1 |
| 29 | 6 | 3 | 7 | 2 8 | 4 | 39 | 17 | 47 | 20 | 51 | 13 | 21 | 13 | 27 | 3 | 26 18 47 |
| 30 | 6 | 58 | 9 | c | 4 | 17 | 55 | 20 | 46 | 13 | 50 | 14 | 45 | 5 | 31 28 33 | |
| 31 | - | - | 7 | W 52 | 4 | 22 | 18 | 2 | 20 | 28 | 14 | 36 | 15 | 53 | 7 | 39 18 18 |

The Heliocentric Motions.

July 1771.

| | h | g | U | W | δ | η | ⊖ | W | U | γ | 2 | ℳ | Day-Lg. B & E | Sun Ri. Set | Clock ron fast |
|---|----|----|----|----|----|----|----|----|----|----|----|----|------------------|----------------|-------------------|
| 1 | 18 | 4 | 21 | 27 | 22 | 5 | 9 | 18 | 25 | 49 | 22 | 21 | Nocark- | 3 50 9 | 3 10 |
| 2 | 18 | 17 | 21 | 58 | 25 | 35 | 15 | 1 | 58 | 25 | 18 | 8 | ness, but | 3 53 9 | 4 12 |
| 3 | 18 | 30 | 22 | 28 | 29 | 16 | 20 | 44 | 15 | 2 | 17 | 52 | twi- | 3 59 9 | 5 |
| 4 | 18 | 43 | 22 | 59 | 0 | 56 | 26 | 27 | 24 | 40 | 22 | 46 | light. | 4 5 8 | 5 41 |
| 5 | 18 | 50 | 23 | 30 | 3 | 38 | 2 | ℳ | 1 | 4 | 11 | 19 | o 45 | 12 4 | 12 8 |

| H. W. Lat. Lon. E. | | | The Lunar Aspects. | | | | | | The Mutual Aspects. | | | | | |
|--------------------|-------|---------|--------------------|----|---|----|---|----|---------------------|----|---|----|--------|--------------|
| | Morn. | Aftern. | ○ | h | U | δ | η | ⊖ | ○ | h | U | δ | η | ⊖ |
| 1 | 4 | 28 | 4 | 44 | | | | | | | | | | |
| 2 | 5 | 1 | 5 | 18 | △ | ○ | | | | | | | | |
| 3 | 5 | 35 | 5 | 55 | | | * | 4 | | | | | | |
| 4 | 6 | 15 | 6 | 23 | □ | 17 | △ | 21 | | | | △ | 18 | |
| 5 | 7 | 1 | 7 | 27 | | | □ | 18 | | | | * | 12 | * h Ω |
| 6 | 7 | 54 | 8 | 24 | | | | △ | 1 | | | | | |
| 7 | 8 | 54 | 9 | 28 | * | 7 | □ | 7 | △ | 22 | | | | |
| 8 | 10 | 210 | 10 | 37 | | | | | □ | 11 | | | | |
| 9 | 11 | 11 | 11 | 47 | * | 12 | | | | | σ | 20 | | |
| 10 | 12 | 0 | 23 | | | | | | * | 16 | | | | |
| 11 | 0 | 54 | 1 | 26 | σ | 21 | | | | | σ | 10 | | |
| 12 | 1 | 58 | 2 | 10 | | | 8 | 3 | | | | | | |
| 13 | 3 | 51 | 3 | 12 | σ | 14 | | | | | | | | |
| 14 | 3 | 31 | 3 | 49 | | | σ | 20 | * | 6 | * | 21 | Perig. | * σ Ω |
| 15 | 4 | 8 | 4 | 26 | | | | | | | σ | 10 | Ω | σ Ω |
| 16 | 4 | 46 | 5 | 6 | * | 4 | | △ | 2 | | □ | 16 | | |
| 17 | 5 | 29 | 5 | 53 | | | * | 18 | | | | □ | 7 | |
| 18 | 6 | 17 | 6 | 44 | □ | 11 | | □ | 4 | | △ | 0 | | |
| 19 | 7 | 11 | 7 | 39 | | | | | * | 7 | | | △ | 20 |
| 20 | 8 | 12 | 8 | 45 | △ | 22 | □ | 0 | * | 11 | | | □ | 17 |
| 21 | 9 | 20 | 9 | 56 | | | | | | | | | | |
| 22 | 10 | 27 | 10 | 59 | | | △ | 9 | | | | | | |
| 23 | 11 | 31 | 0 | 31 | | | | | △ | 6 | 2 | 0 | | 8 U Ω |
| 24 | 0 | 4 | 0 | 31 | | | | | | | | | | |
| 25 | 0 | 58 | 1 | 23 | | | σ | 4 | | | | σ | 14 | |
| 26 | 1 | 43 | 2 | 11 | 8 | 4 | | | | | | | | |
| 27 | 2 | 33 | 2 | 50 | | | 8 | 0 | | | | | | |
| 28 | 3 | 6 | 3 | 20 | | | | | | | | | | Ap. E. * σ Ω |
| 29 | 3 | 33 | 3 | 46 | | | | | * | 4 | 8 | 13 | △ | 13 |
| 30 | 3 | 59 | 4 | 14 | | | | | | | | | | |
| 31 | 4 | 29 | 4 | 46 | △ | 16 | | | | | | △ | 17 | |

The Planets Daily Motions Geocentric.

| | 1N. | 3 | 0S. | 21 | ON. | 51 | eN. | 2 | 2N. | 8 | 12 | 58 | | |
|--|-----|----|--------|-----|--------|-------|-----|----|-----|----|----|-------|-------|--------------|
| M. | Ω | Σ | ℳ | γ | Lat. | ℳ | Ω | ℳ | Ω | Σ | Ω | ℳ | | |
| The Planets Latitude and Place of the Sun's Declin. South. | 7 | 1 | 3 | 0 | 26 | 0 | 47 | 0 | 18 | 1 | 43 | 12 40 | | |
| and Place of the Sun's Declin. South. | 13 | 1 | 4 | 0 | 27 | 0 | 44 | 0 | 32 | 1 | 21 | 12 22 | | |
| to every 6th Day. | 19 | 1 | 14 | 0 | 27 | 0 | 40 | 0 | 45 | 0 | 47 | 12 2 | | |
| | 25 | 1 | 5 | 0 | 28 | 0 | 37 | 0 | 57 | 0 | 3 | 11 4 | | |
| | | | | | | | | | | | | | | |
| M. | Ω | Σ | ℳ | γ | Lat. | ℳ | Ω | ℳ | Ω | Σ | Ω | ℳ | | |
| 1 | 8 | 53 | 12 | 51 | 2N. 33 | 18 | 10 | 20 | 31 | 15 | 13 | 17 | 6 | 9 44 |
| 2 | 9 | 50 | 24 | 59 | 1 | 34 | 18 | 18 | 20 | 15 | 50 | 18 | 19 | 11 47 |
| 3 | 10 | 48 | 78 | 20 | 0 | 30 | 18 | 25 | 20 | 16 | 28 | 19 | 32 | 13 48 |
| 4 | 11 | 45 | 20 | c | 0S. 37 | 18 | 33 | 20 | 11 | 17 | 6 | 20 | 45 | 15 47 |
| 5 | 12 | 43 | 3 | II | 1 | 44 | 18 | 40 | 20 | 17 | 43 | 21 | 58 | 17 45 |
| 6 | 13 | 40 | 16 | 55 | 2 | 48 | 18 | 48 | 19 | 18 | 21 | 23 | 11 | 19 42 |
| 7 | 14 | 38 | 0S. 3 | 3 | 43 | 18 | 56 | 19 | 51 | 18 | 59 | 24 | 25 | 21 37 |
| 8 | 15 | 36 | 15 | 11 | 4 | 26 | 19 | 3 | 79 | 19 | 37 | 25 | 38 | 23 33 |
| 9 | 16 | 33 | 0S. 6 | f | 4 | 53 | 19 | 11 | 19 | 20 | 15 | 26 | 51 | 25 27 |
| 10 | 17 | 31 | 15 | 2 | 5 | 0 | 19 | 18 | 19 | 20 | 53 | 28 | c | 27 20 |
| 11 | 18 | 28 | 0M. 42 | 4 | 45 | 19 | 26 | 19 | 26 | 21 | 31 | 29 | 18 | 29 11 |
| 12 | 19 | 26 | 15 | 55 | 4 | 30 | 19 | 34 | 19 | 20 | 22 | 9 | 0S. 3 | 1M. 1 |
| 13 | 20 | 24 | c | 52 | 3 | 18 | 19 | 42 | 19 | 15 | 22 | 47 | 1 | 45 2 |
| 14 | 21 | 21 | 15 | 25 | 2 | 14 | 19 | 49 | 19 | 10 | 23 | 25 | 2 | 58 4 |
| 15 | 22 | 19 | 29 | 3 | 1 | 4 | 19 | 57 | 19 | 4 | 21 | 4 | 4 | 12 6 |
| 16 | 23 | 17 | 12 | III | 8 | 0N. 8 | 20 | 5 | 18 | 24 | 42 | 5 | 25 | 8 5 |
| 17 | 24 | 15 | 26 | 22 | 1 | 17 | 20 | 12 | 18 | 25 | 25 | 2 | 6 | 39 9 48 |
| 18 | 25 | 12 | 9 | 14 | 2 | 21 | 20 | 20 | 18 | 25 | 58 | 7 | 53 | 1 29 |
| 19 | 26 | 10 | 21 | 48 | 3 | 10 | 20 | 28 | 18 | 44 | 26 | 36 | 9 | 6 13 9 |
| 20 | 27 | 8 | 4V. 9 | 9 | 4 | 1 | 20 | 35 | 18 | 40 | 27 | 15 | 10 | 20 14 48 |
| 21 | 28 | 6 | 16 | 19 | 4 | 34 | 20 | 43 | 18 | 36 | 27 | 53 | 11 | 34 16 25 |
| 22 | 29 | 4 | 28 | 23 | 4 | 55 | 20 | 51 | 18 | 31 | 28 | 32 | 12 | 48 18 1 |
| 23 | 20 | 2 | 10 | 20 | 5 | 2 | 20 | 58 | 18 | 27 | 29 | 10 | 14 | 2 19 35 |
| 24 | 1 | 2 | 0 | 22 | 7 | 4 | 58 | 21 | 6 | 18 | 23 | 29 | 49 | 15 16 21 7 |
| 25 | 1 | 57 | 4X. 6 | 6 | 4 | 38 | 21 | 14 | 18 | 19 | 0 | 37 | 16 | 30 22 38 |
| 26 | 2 | 55 | 15 | 58 | 4 | 7 | 21 | 21 | 18 | 16 | 1 | 6 | 17 | 44 24 8 |
| 27 | 3 | 53 | 27 | 51 | 1 | 28 | 21 | 29 | 18 | 13 | 1 | 45 | 18 | 58 25 37 |
| 28 | 4 | 52 | 9V. 47 | 2 | 35 | 21 | 37 | 18 | 10 | 2 | 23 | 20 | 12 | 27 5 9 41 |
| 29 | 5 | 50 | 21 | 50 | 1 | 37 | 21 | 44 | 18 | 7 | 3 | 22 | 26 | 28 32 9 23 |
| 30 | 6 | 48 | 4 | 1 | 0 | 33 | 21 | 52 | 18 | 4 | 3 | 40 | 22 | 42 29 57 9 1 |
| 31 | 7 | 46 | 16 | 24 | 0S. 33 | 22 | c | 18 | 2 | 4 | 19 | 23 | 54 | 15 20 8 40 |

The Heliocentric Motions.

August 1771.

| | h | 8 | 4 | W | δ | ⊖ | ⊖ | ? | II | ? | III |
|---|----|----|-----|----|----|-----|-----|----|-----|---------|--------|
| 1 | 10 | 12 | 24 | 6 | 6 | 48 | 8 | 52 | 15 | 36 | 11, 43 |
| 2 | 19 | 25 | 24 | 37 | 32 | 14 | 38 | 25 | 17 | 11, 19 | 11, 4 |
| 3 | 19 | 38 | 25 | 7 | 12 | 16 | 20 | 24 | 42 | 59 | 5, 18 |
| 4 | 19 | 51 | 25 | 38 | 15 | 126 | 10 | 14 | 43 | 26 | 2, 26 |
| 5 | 25 | 20 | 426 | 9 | 17 | 47 | 124 | 27 | 141 | 11, 461 | 2, 47 |

| M. | H. W. & L. o. o. | | The Lun. & A. p. c. t. | | | | | | The Mutual A. p. c. t. | | | |
|----|------------------|-------|------------------------|----|------|------|------|------|---------------------------|------|--------|-----|
| | D. | Morn. | A. tein. | ⊕ | h | 8 | 4 | W | ? | II | ? | III |
| 1 | 5 | 21 | 5 | 20 | | △ 10 | □ 16 | | | □ 9 | | |
| 2 | 5 | 38 | 6 | 1 | | | | | | | | |
| 3 | 6 | 25 | 6 | 6 | □ 7 | □ 23 | | △ 18 | | □ 16 | 8 4 9 | |
| 4 | 7 | 16 | 7 | 47 | | | △ 0 | | | | | |
| 5 | 8 | 18 | 8 | 53 | * 19 | | | | | | 8 5 9 | |
| 6 | 9 | 29 | 10 | 7 | * 4 | | | □ 2 | | * 6 | | |
| 7 | 10 | 46 | 11 | 23 | | | | | | | | |
| 8 | 8 | 0 | 1 | | | 8 | 8 | * 7 | 5 18 | | | |
| 9 | 0 | 32 | 1 | 6 | | | | | | | | |
| 10 | 1 | 3 | 2 | 7 | 6 | 4 | 6 | | | 6 21 | | |
| 11 | 2 | 33 | 2 | 58 | | | | △ 6 | 6 10 | | Perig. | |
| 12 | 2 | 3 | 17 | 3 | 7 | | | | | | ○ Col. | |
| 13 | 3 | 52 | 4 | 8 | | | | | | | * 2 | |
| 14 | 4 | 28 | 4 | 48 | * 12 | * 10 | □ 7 | | | | | |
| 15 | 5 | 9 | 5 | 20 | | | | □ 8 | * 13 | | | |
| 16 | 5 | 56 | 6 | 22 | □ 20 | □ 10 | * 11 | * 22 | | | | |
| 17 | 6 | 49 | 7 | 17 | | | | | △ 20 | | | |
| 18 | 7 | 4 | 8 | 22 | | △ 22 | | | | □ 4 | | |
| 19 | 8 | 56 | 9 | 30 | △ 8 | | | □ 10 | | | | |
| 20 | 10 | 3 | 10 | 36 | | | | | | | | |
| 21 | 11 | 7 | 11 | 38 | | | 6 5 | | | △ 6 | | |
| 22 | 12 | 0 | 5 | | | | | △ 0 | | | | |
| 23 | 13 | 0 | 5 | | 8 22 | | | 6 8 | | | Apog. | |
| 24 | 1 | 19 | 1 | 41 | 8 19 | | | | | | | |
| 25 | 2 | 4 | 2 | 24 | | | | | | | | |
| 26 | 2 | 44 | 2 | 59 | | | * 4 | | | 8 20 | | |
| 27 | 3 | 13 | 3 | 2 | | | | 8 0 | | | | |
| 28 | 3 | 41 | 3 | 54 | | □ 17 | | | | | | |
| 29 | 4 | 7 | 4 | 24 | | △ 0 | | | △ 0 | | 6 5 9 | |
| 30 | 4 | 43 | 5 | 0 | △ 5 | | | | | | | |
| 31 | 5 | 18 | 5 | 40 | □ 12 | △ 3 | | □ 16 | | | | |

Parker.

September 1771.

The Heliocentric Motions.

Sept. 1771.

| Days | Day-line | | | | | | | | | | | | Sun Rise | Clock Set | | |
|------|----------|----|----|----|----|----|----|----|----|----|----|----|-------------|--------------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | |
| 1 | 20 | 19 | 26 | 45 | 21 | 3 | 8 | 44 | 5 | 49 | 4 | 30 | 3 | 7 | 9 | |
| 2 | 20 | 3 | 27 | 15 | 23 | 52 | 14 | 33 | 15 | 34 | 20 | 59 | 3 | 24 | 9 | |
| 3 | 20 | 4 | 5 | 27 | 46 | 26 | 43 | 20 | 24 | 25 | 20 | 51 | 3 | 37 | 9 | |
| 4 | 20 | 8 | 28 | 17 | 29 | 35 | 26 | 16 | 51 | 29 | 55 | 55 | 3 | 52 | 9 | |
| 5 | 21 | 7 | 1 | 28 | 48 | 21 | 11 | 28 | 2 | 14 | 50 | 16 | 5 | 4 | 5 | 8 |

| M. | H. | W. | t. Lon. Br. | The Lunar Aspects. | | | | | | The Mutual Aspects. |
|----|----|----|-------------|--------------------|------|------|------|------|------|---------------------|
| | | | | Aftern. | ○ | □ | △ | × | ○ | |
| 1 | 0 | 1 | 6 30 | □ 19 | | | △ 12 | | △ 7 | |
| 2 | 6 | 58 | 7 29 | | * 19 | | | | | |
| 3 | 8 | 1 | 8 37 | | | □ 19 | * 4 | □ 19 | | |
| 4 | 9 | 14 | 9 53 | * 5 | | 8 16 | | | | ♂ ♀ |
| 5 | 10 | 32 | 11 8 | | | | | | | |
| 6 | 11 | 45 | | | ○ 23 | | * 6 | | * 1 | |
| 7 | 0 | 17 | 0 49 | | | | ○ 15 | | | J. Perig. |
| 8 | 1 | 19 | 1 48 | ○ 11 | | | | | | |
| 9 | 2 | 16 | 2 44 | | | | | | | |
| 10 | 3 | 4 | 3 23 | | * 23 | □ 10 | ○ 3 | | ○ 8 | △ ♀ |
| 11 | 3 | 40 | 3 57 | | | | | | | |
| 12 | 4 | 17 | 4 36 | * 21 | | * 17 | | * 1 | | |
| 13 | 4 | 57 | 5 18 | | | □ 3 | | | | |
| 14 | 5 | 43 | 6 8 | | | | * 16 | □ 12 | | □ ♀ |
| 15 | 6 | 35 | 7 3 | □ 8 | △ 10 | | | | * 1 | |
| 16 | 7 | 33 | 8 4 | | | | | | | |
| 17 | 8 | 36 | 9 9 | | | ○ 9 | □ 4 | △ 4 | □ 15 | |
| 18 | 9 | 40 | 10 11 | △ 0 | | | | | | |
| 19 | 10 | 40 | 11 10 | | | | △ 20 | | △ 6 | △ ♀ |
| 20 | 11 | 37 | | | 8 10 | | | | | □ ♀ |
| 21 | 0 | 4 | 0 28 | | | | | | | ○ ♀ |
| 22 | 0 | 52 | 1 14 | | | * 12 | | ○ 19 | | |
| 23 | 1 | 36 | 1 57 | 8 12 | | | | | | |
| 24 | 2 | 19 | 2 38 | | | □ 22 | | | | |
| 25 | 2 | 57 | 3 11 | | △ 12 | | 8 4 | | 8 11 | |
| 26 | 3 | 25 | 3 39 | | | | | | | |
| 27 | 3 | 54 | 4 11 | | | □ 23 | △ 10 | | | |
| 28 | 4 | 28 | 4 47 | △ 0 | | | | | △ 6 | |
| 29 | 5 | 7 | 5 29 | | | | | | | |
| 30 | 5 | 52 | 6 21 | | * 6 | | △ 4 | □ 18 | △ 3 | |

Parket.

October 1771.

The Planets Daily Motion Concentrick.

| | 1 | IN. 10 | 05 30 | ON. 15 | IN. 24 | 35 28 | 9 40 | 18 11 | 28 52 | 9 30 | 30 11 |
|-----------------------|----|--------|-------|--------|--------|-------|------|-------|-------|------|-------|
| The Planets Latitudes | 7 | 1 | 11 | 0 30 | 0 12 | 1 20 | 2 15 | 9 30 | 9 11 | 9 11 | 9 30 |
| and Place of Sun's | 13 | 3 | 11 | 0 30 | 0 8 | 1 14 | 0 16 | 9 11 | 8 8 | 8 8 | 9 30 |
| to every 6th Day. | 9 | 2 | 11 | 0 30 | 5 1 | 1 6 | 1 22 | 8 8 | 8 52 | 8 52 | 8 32 |
| | 2 | 1 | 14 | 0 30 | 1 0 | 5 5 | 2 5 | 8 8 | 8 52 | 8 52 | 8 32 |

| M. | ○ | □ | ○ | □ | ○ | □ | ○ | □ | ○ | □ | ○ | □ | ○ | □ | Sun's Declin. South. | | |
|----|----|----|-------|----|--------|-------|----|----|----|------|----|------|-------|------|----------------------------|-------|-----|
| 1 | 8 | 3 | 5 | 13 | 4 32 | 43 | 37 | 18 | 13 | 24 | 50 | 2 | 25 22 | 58 | 3 12 | | |
| 2 | 9 | 2 | 13 | 58 | 4 5 | 43 | 48 | 17 | 25 | 30 | 3 | 40 | 22 | 8 35 | | | |
| 3 | 10 | 1 | 13 | 58 | 7 | 5 | 1 | 25 | 18 | 20 | 13 | 4 | 44 21 | 31 | 3 59 | | |
| 4 | 11 | 1 | 25 | 5 | 10 23 | 26 | 18 | 24 | 16 | 52 | 6 | 10 | 20 | 37 | 4 22 | | |
| 5 | 12 | 0 | 22 | 4 | 47 | 23 | 2 | 18 | 28 | 17 | 33 | 7 | 25 | 19 | 37 | 4 45 | |
| 6 | 12 | 59 | 17 | 10 | 4 | 26 | 8 | 18 | 27 | 1 | 8 | 40 | 18 | 3 | 5 8 | | |
| 7 | 13 | 58 | 2 20 | 3 | 5 20 | 13 | 18 | 30 | 28 | 54 | 9 | 55 | 17 | 20 | 5 31 | | |
| 8 | 14 | 58 | 27 | 14 | 1 | 54 | 26 | 20 | 13 | 41 | 9 | 3 | 11 | 10 | 15 | 9 54 | |
| 9 | 15 | 57 | 11 15 | 0 | 7 25 | 26 | 18 | 13 | 45 | 0 16 | 12 | 2 | 14 | 57 | 6 17 | | |
| 10 | 16 | 57 | 10 | 14 | 0 14 | 20 | 35 | 13 | 50 | 0 | 57 | 13 | 4 | 13 | 47 | 6 40 | |
| 11 | 17 | 56 | 0 4 | 6 | 1 | 58 | 26 | 37 | 13 | 55 | 1 | 38 | 14 | 5 | 12 | 41 | 7 3 |
| 12 | 18 | 56 | 13 | 33 | 3 | 7 6 | 43 | 19 | 0 | 2 | 19 | 16 | 1 | 11 | 41 | 7 26 | |
| ○ | 19 | 55 | 26 | 33 | 3 | 5 10 | 49 | 19 | 6 | 3 | 0 | 17 | 26 | 10 | 47 | 7 48 | |
| 14 | 20 | 55 | 9 15 | 4 | 37 | 25 | 55 | 19 | 32 | 3 | 48 | 18 | 41 | 10 | 3 | 8 10 | |
| 15 | 21 | 54 | 21 | 40 | 5 | 3 17 | 0 | 0 | 18 | 4 | 22 | 19 | 76 | 9 | 29 | 8 33 | |
| 16 | 22 | 54 | 3 24 | 5 | 10 27 | 5 | 19 | 23 | 5 | 7 | 21 | 11 | 9 | 7 | 8 55 | | |
| 17 | 23 | 54 | 13 | 43 | 5 | 14 27 | 33 | 19 | 29 | 5 | 4 | 22 | 26 | 8 | 59 | 9 17 | |
| 18 | 24 | 53 | 27 | 32 | 4 | 19 27 | 36 | 19 | 35 | 6 | 26 | 13 | 41 | 8 | 57 | 9 39 | |
| 19 | 25 | 53 | 9 28 | 4 | 3 12 | 23 | 19 | 42 | 7 | 7 | 24 | 56 | 9 | 10 | 1 1 | | |
| ○ | 26 | 53 | 21 | 21 | 3 | 52 27 | 26 | 19 | 48 | 7 | 49 | 26 | 11 | 9 | 29 | 10 23 | |
| 21 | 27 | 52 | 3 19 | 3 | 2 27 | 31 | 19 | 55 | 8 | 30 | 27 | 27 | 10 | 0 | 10 44 | | |
| 22 | 28 | 52 | 15 | 25 | 2 | 3 27 | 35 | 20 | 2 | 9 | 12 | 18 | 42 | 10 | 40 | 11 5 | |
| 23 | 29 | 52 | 27 | 40 | 0 | 59 27 | 40 | 20 | 9 | 9 | 53 | 29 | 57 | 11 | 29 | 11 27 | |
| 24 | 30 | 52 | 10 3 | 7 | 0 5 10 | 27 | 45 | 20 | 20 | 10 | 35 | 13 | 12 | 12 | 26 | 11 48 | |
| 25 | 1 | 52 | 22 | 46 | 1 | 20 27 | 50 | 20 | 23 | 11 | 16 | 2 | 24 | 13 | 29 | 12 8 | |
| 26 | 2 | 52 | 5 11 | 39 | 2 | 26 27 | 54 | 20 | 31 | 11 | 58 | 3 | 44 | 14 | 37 | 12 29 | |
| ○ | 3 | 52 | 18 | 44 | 3 | 27 27 | 59 | 20 | 39 | 12 | 40 | 4 | 48 | 15 | 49 | 12 49 | |
| 28 | 4 | 52 | 2 25 | 4 | 17 28 | 2 | 0 | 46 | 13 | 22 | 6 | 14 | 17 | 5 | 13 | 10 | |
| 29 | 5 | 52 | 15 38 | 4 | 54 23 | 2 | 20 | 54 | 14 | 4 | 7 | 29 | 18 | 26 | 13 | 30 | |
| 30 | 6 | 52 | 29 | 26 | 5 | 14 28 | 33 | 21 | 2 | 14 | 46 | 8 | 45 | 19 | 51 | 13 50 | |
| 31 | 7 | 52 | 13 27 | 5 | 17 23 | 17 | 22 | 16 | 15 | 28 | 10 | 0 21 | 20 | 14 | 31 | | |

The Heliocentric Motions.

| D | h | SL | ♀ | ♂ | M | Θ | Υ | ♀ | Ω | ♀ | × |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 21 | 24 | 29 | 19 | 5 | 23 | 8 | 3 | 24 | 33 | 9 |
| 7 | 21 | 37 | 29 | 50 | 8 | 19 | 13 | 58 | 4 | 21 | 6 |
| 13 | 21 | 50 | 0 | 25 | 11 | 17 | 19 | 55 | 13 | 56 | 10 |
| 19 | 22 | 3 | 0 | 52 | 14 | 17 | 25 | 53 | 23 | 37 | 18 |
| 25 | 21 | 16 | 1 | 23 | 17 | 18 | 1 | 52 | 31 | 11 | 3 |

October 1771.

| Day B. & E. | Sun R. & S. | Clock on flo. |
|----------------|----------------|------------------|
| 4 38 | 8 17 | 6 10 20 |
| 4 37 | 8 6 | 29 12 9 |
| 4 43 | 8 6 | 40 13 4 |
| 4 52 | 8 6 | 52 14 55 |
| 5 6 | 7 | 4 5 15 49 |

M 11. Wd. L. m. &.

The Lunar Asp.cts.

The Mutual
Aspects.

| D. | M | rn. | Aftern. | ⊕ | ☽ | ♀ | ♂ | ♀ | ♀ | ♀ | ♀ |
|----|----|-----|---------|----|------|------|------|------|------|---|---------|
| 1 | 0 | 50 | 7 | 21 | □ | 5 | 8 23 | | | | |
| 2 | 7 | 51 | 8 | 26 | | | □ 12 | | | | □ 6 |
| 3 | 9 | 2 | 9 | 40 | * 12 | | | * 13 | | | |
| 4 | 10 | 19 | 10 | 55 | | σ 14 | | * 10 | | | * 6 |
| 5 | 11 | 31 | | | | | | | | | |
| 6 | 0 | 4 | 0 | 46 | | △ 2 | | | | | |
| 7 | 1 | 3 | 1 | 31 | σ 20 | | | | | | |
| 8 | 2 | c | 2 | 30 | * 16 | □ 3 | σ 21 | σ 13 | σ 22 | | σ ⊕ ♀ |
| 9 | 2 | 50 | 3 | 11 | | | | | | | |
| 10 | 3 | 29 | 3 | 47 | | □ 16 | * 5 | | | | σ ♀ ♀ |
| 11 | 4 | 5 | 4 | 24 | | | | | | | * 20 |
| 12 | 4 | 4 | 7 | 7 | * 20 | | | * 5 | | | □ ⊕ ♀ |
| 13 | 5 | 30 | 5 | 51 | | △ 0 | | * 13 | | | |
| 14 | 6 | 19 | 6 | 40 | | σ 19 | | □ 20 | □ 2 | | |
| 15 | 7 | 12 | 7 | 39 | □ 1 | | | | | | |
| 16 | 8 | 8 | 8 | 37 | | | □ 3 | | △ 10 | | |
| 17 | 9 | 6 | 9 | 36 | △ 18 | | | △ 15 | | | |
| 18 | 10 | 40 | 0 | 33 | 8 0 | | △ 20 | | | | ☽ Apog. |
| 19 | 11 | c | 11 | 28 | | | * 21 | | | | * ⊕ h |
| 20 | 11 | 54 | | | | | | | | | |
| 21 | 0 | 20 | 0 | 43 | | | | | 8 14 | | |
| 22 | 1 | 5 | 1 | 28 | | | □ 10 | | | | σ ⊕ ♀ |
| 23 | 1 | 50 | 2 | 13 | 8 5 | △ 0 | | | | | |
| 24 | 2 | 36 | 2 | 54 | | △ 20 | 8 1 | 8 4 | | | |
| 25 | 3 | 11 | 3 | 28 | | □ 9 | | | | | |
| 26 | 3 | 44 | 4 | 0 | | | | | △ 16 | | |
| 27 | 4 | 17 | 4 | 39 | | * 18 | | | | | |
| 28 | 5 | 1 | 5 | 22 | △ 6 | 8 9 | △ 21 | △ 8 | | | |
| 29 | 5 | 44 | 6 | 19 | | | | | □ 5 | | |
| 30 | 6 | 39 | 7 | 9 | □ 14 | | | □ 17 | | | □ ♀ ♀ |
| 31 | 7 | 39 | 8 | 13 | | | □ 4 | | * 15 | | |

Parker.

November 1771.

The Planets Daily Motions Geocentric.

| The Planets Daily Motions Geocentric. | | | | | | | | | | | | Lat. | Decl. | | | | | | |
|---|----|----|-------|------|--------|--------|-------|----|-------|-------|-------|---------------|--------|----|-------|----|----|----|----|
| The Planets Latitudes and Place of the Sun's Declination North. | | | | 1 | IN. 15 | 05.30 | 05.3. | 3 | ON 43 | 2N. 2 | 8 | 10 | | | | | | | |
| to every 6th Day. | | | | 7 | 16 | 0 | 0 | 7 | 0 | 30 | 1 | 34 | | | | | | | |
| | | | | 13 | 18 | 0 | 30 | 0 | 10 | 0 | 50 | 7 | 30 | | | | | | |
| | | | | 19 | 19 | 0 | 31 | 0 | 14 | 0 | 16 | 7 | 11 | | | | | | |
| | | | | 2: | 20 | 0 | 31 | 0 | 17 | 0S 12 | 0S 24 | 6 | 5 | | | | | | |
| M | ⊕ | ⊕ | ⊕ | Lat. | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Sun's Declin. | North. | | | | | | |
| D | ⊕ | ⊕ | ⊕ | | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | | | |
| 1 | 8 | 53 | 27 | 42 | 5S. 0 | 28 | 21 | 21 | 16 | 10 | 11 | 15 | 22 | 5 | 14 | 29 | | | |
| 2 | 9 | 53 | 12 | 24 | 6 | 4 | 24 | 28 | 23 | 21 | 28 | 15 | 52 | 12 | 30 | 24 | 48 | | |
| 3 | 10 | 53 | 25 | 37 | 3 | 31 | 28 | 29 | 21 | 30 | 17 | 35 | 13 | 45 | 25 | 58 | 15 | 7 | |
| 4 | 11 | 53 | 11 | 22 | 11 | 2 | 25 | 28 | 32 | 21 | 45 | 13 | 17 | 15 | 27 | 3 | 15 | 25 | |
| 5 | 12 | 54 | 25 | 42 | 1 | 9 | 28 | 36 | 21 | 54 | 18 | 59 | 16 | 16 | 29 | 5 | 15 | 44 | |
| 6 | 13 | 54 | 10 | 31 | 4 | ON. 10 | 28 | 40 | 22 | 2 | 10 | 42 | 17 | 31 | 0M 39 | 16 | 2 | | |
| 7 | 14 | 54 | 24 | 9 | 1 | 27 | 28 | 47 | 22 | 11 | 20 | 24 | 18 | 46 | 2 | 13 | 16 | 20 | |
| 8 | 15 | 55 | 7 | 57 | 2 | 37 | 28 | 47 | 22 | 2 | 21 | 7 | 20 | 1 | 3 | 48 | 16 | 37 | |
| 9 | 16 | 55 | 21 | 22 | 3 | 37 | 28 | 51 | 22 | 30 | 21 | 49 | 21 | 16 | 5 | 24 | 16 | 55 | |
| 10 | 17 | 55 | 4V 47 | 4 | 24 | 28 | 54 | 22 | 39 | 22 | 32 | 22 | 32 | 7 | 0 | 17 | 12 | | |
| 11 | 18 | 56 | 17 | 10 | 4 | 56 | 28 | 57 | 22 | 40 | 23 | 14 | 23 | 47 | 8 | 36 | 17 | 28 | |
| 12 | 19 | 56 | 29 | 30 | 5 | 12 | 29 | 1 | 22 | 58 | 23 | 57 | 25 | 2 | 10 | 13 | 17 | 45 | |
| 13 | 20 | 57 | 14 | 37 | 5 | 16 | 29 | 4 | 23 | 8 | 24 | 39 | 26 | 18 | 11 | 50 | 18 | 1 | |
| 14 | 21 | 57 | 23 | 46 | 5 | 5 | 29 | 7 | 23 | 18 | 22 | 27 | 33 | 13 | 27 | 18 | 17 | | |
| 15 | 22 | 58 | 5X 19 | 4 | 4 | 29 | 0 | 23 | 29 | 26 | 5 | 28 | 48 | 15 | 3 | 18 | 32 | | |
| 16 | 23 | 58 | 17 | 33 | 4 | 5 | 29 | 12 | 23 | 39 | 25 | 47 | 0 | 4 | 16 | 39 | 18 | 47 | |
| 17 | 24 | 59 | 29 | 26 | 3 | 19 | 29 | 15 | 23 | 49 | 27 | 30 | 1 | 19 | 18 | 14 | 19 | 5 | |
| 18 | 25 | 0 | 11 | 28 | 2 | 27 | 29 | 17 | 24 | 0 | 28 | 13 | 2 | 34 | 19 | 50 | 10 | 17 | |
| 19 | 27 | 0 | 23 | 40 | 1 | 20 | 29 | 20 | 24 | 10 | 28 | 59 | 3 | 50 | 21 | 25 | 19 | 31 | |
| 20 | 28 | 1 | 6 | 7 | 0 | 1 | 29 | 22 | 24 | 21 | 29 | 39 | 5 | 5 | 23 | 0 | 19 | 45 | |
| 21 | 29 | 1 | 18 | 49 | 0S. 18 | 29 | 24 | 24 | 21 | 0 | 4 | 22 | 6 | 20 | 24 | 15 | 19 | 58 | |
| 22 | 1 | 2 | 1 | 48 | 2 | 6 | 9 | 26 | 24 | 42 | 1 | 6 | 7 | 31 | 16 | 10 | 20 | 11 | |
| 23 | 1 | 3 | 15 | 4 | 3 | 9 | 29 | 28 | 24 | 53 | 1 | 49 | 8 | 51 | 17 | 45 | 20 | 24 | |
| 24 | 2 | 4 | 28 | 36 | 4 | 3 | 19 | 20 | 25 | 4 | 2 | 32 | 10 | 6 | 29 | 20 | 20 | 26 | |
| 25 | 3 | 5 | 12 | 21 | 4 | 43 | 29 | 32 | 25 | 16 | 3 | 15 | 11 | 22 | 0 | 55 | 20 | 48 | |
| 26 | 4 | 6 | 26 | 16 | 5 | 7 | 9 | 33 | 25 | 27 | 3 | 59 | 12 | 37 | 2 | 29 | 20 | 59 | |
| 27 | 5 | 6 | 10 | 81 | 9 | 5 | 14 | 29 | 24 | 25 | 38 | 4 | 41 | 13 | 52 | 4 | 4 | 21 | 11 |
| 28 | 6 | 7 | 24 | 20 | 5 | 1 | 29 | 30 | 29 | 50 | 5 | 20 | 15 | 7 | 5 | 39 | 21 | 21 | |
| 29 | 7 | 8 | 8 | 36 | 4 | 30 | 29 | 37 | 26 | 1 | 6 | 10 | 16 | 23 | 7 | 13 | 21 | 32 | |
| 30 | 8 | 9 | 22 | 47 | 3 | 4 | 29 | 39 | 26 | 13 | 6 | 53 | 17 | 38 | 8 | 47 | 21 | 42 | |

The Heliocentric Motions.

| Day | h | Ω | U | ℳ | δ | ℳ | Θ | Υ | Ω | ℳ | δ | ℳ |
|-----|----|----|---|----|----|----|----|----|----|----|----|------|
| 1 | 22 | 31 | 1 | 59 | 20 | 52 | 8 | 53 | 14 | 28 | 2 | 14 |
| 7 | 22 | 44 | 2 | 30 | 23 | 57 | 14 | 54 | 24 | 2 | 28 | 14 |
| 12 | 22 | 57 | 3 | 1 | 27 | 40 | 57 | 3 | 35 | 30 | 0 | 0 |
| 19 | 23 | 10 | 3 | 33 | 0 | 13 | 27 | 0 | 13 | 7 | 8 | ℳ 57 |
| 25 | 3 | 23 | 4 | 3 | 3 | 24 | 3 | II | 5 | 22 | 3 | 6 |
| | | | | | | | | | | | | 16 |

Novem. 1771.

| Day | Fig. | Sun. | Clock. |
|---------|----------|----------|----------|
| B. & E. | Ri. Set. | too slow | too fast |
| 5 | 17 | 7 | 16 |
| 5 | 25 | 7 | 27 |
| 5 | 34 | 7 | 37 |
| 5 | 41 | 7 | 46 |
| 5 | 48 | 7 | 54 |
| | | 5 | 12 |
| | | | 41 |

| N. | H. Wat. Lon. B. | | The Lunar Aspects. | | | | | | The Mutual Aspects. | |
|----|-----------------|---------|--------------------|----|------|------|------|------|---------------------|---------------|
| | Morn. | Aftern. | ④ | h | U | δ | Υ | Ω | | |
| 1 | 8 | 43 | 9 | 24 | * 20 | 6 | 1 | | | |
| 2 | 10 | 10 | 1 | 34 | | △ 17 | * 9 | * 0 | | |
| 3 | 11 | 8 | 11 | 41 | | | | | J. Perig. | |
| 4 | | | 0 | 14 | | □ 18 | | | | |
| 5 | 0 | 42 | 1 | 10 | * 5 | | | | | |
| 6 | 1 | 38 | 2 | 6 | 6 | 7 | * 20 | 6 | 17 | 6 |
| 7 | 2 | 31 | 2 | 57 | | □ 8 | | | | |
| 8 | 3 | 15 | 3 | 34 | | | | | | |
| 9 | 3 | 50 | 4 | 7 | △ 14 | | | | | |
| ④ | 4 | 27 | 4 | 47 | * 21 | | | | 6 | 6 |
| 11 | 5 | 7 | 5 | 26 | | 6 | 11 | * 14 | * 14 | * 26 |
| 12 | 5 | 49 | 6 | 12 | | | | | | |
| 13 | 6 | 36 | 7 | 1 | □ 20 | | | | | |
| 14 | 7 | 26 | 7 | 53 | 8 | 10 | | □ 3 | □ 5 | □ 0 |
| 15 | 8 | 18 | 8 | 41 | | | | | △ 22 | ④ Apog. * 2 U |
| 16 | 9 | 13 | 9 | 41 | △ 13 | | * 13 | △ 20 | | |
| ④ | 0 | 8 | 10 | 35 | | | | △ 5 | | |
| 18 | 11 | 3 | 11 | 41 | | | | | | |
| 19 | 11 | 58 | | | △ 11 | □ 1 | | | □ b δ | |
| 20 | 0 | 25 | 0 | 51 | 8 | 21 | □ 20 | △ 12 | 8 | 12 |
| 21 | 1 | 11 | 1 | 43 | | | | | □ ④ b | |
| 22 | 2 | 9 | 2 | 31 | | | | | | |
| 23 | 2 | 53 | 3 | 11 | | | | | | |
| ④ | 3 | 29 | 3 | 46 | | * 2 | | | | |
| 24 | 4 | 3 | 3 | 24 | | 8 | 27 | | | δ ④ δ |
| 26 | 4 | 4 | 5 | 6 | △ 16 | | | △ 14 | | |
| 27 | 5 | 28 | 5 | 54 | | | | △ 6 | △ 12 | δ δ δ |
| 28 | 6 | 21 | 6 | 47 | □ 21 | 6 | 9 | □ 20 | □ 22 | δ ④ δ |
| 29 | 7 | 13 | 7 | 44 | | △ 6 | | □ 15 | | J. Perig. |
| 30 | 8 | 16 | 8 | 50 | | | | | | |

Parker.

December 1771.

| The Planets Daily Motions Geocentric. | | | | | | | | | | | | 18 |
|--|-----|----|----|---------|---------|----|---------|--------|------|-------|-------|----------------------|
| The Planets Latitudes and Place of ☽'s ☽ to every 6th Day. | | | 1 | 1 N. 23 | 0 S. 31 | 21 | 0 S. 27 | 1 S. 2 | 6 | 31 | | |
| M. | D. | ☽ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 1 | 9 | 10 | 6 | 56 | 25.4 | 29 | 49 20 | 25 | 7 | 37 | 18 | 53 10 |
| 2 | 10 | 11 | 21 | 3 | 33 | 29 | 41 25 | 37 | 8 | 21 | 20 | 8 11 |
| 3 | 11 | 12 | 3 | M | 0 16 | 29 | 42 26 | 49 | 9 | 5 21 | 24 13 | 29 22 |
| 4 | 12 | 13 | 18 | 39 | 1 N. 0 | 29 | 42 27 | 0 | 9 | 49 22 | 39 15 | 3 22 |
| 5 | 13 | 14 | 2 | 43 | 2 | 11 | 29 | 43 27 | 12 | 10 | 33 23 | 16 37 |
| 6 | 14 | 15 | 0 | 13 | 3 | 15 | 29 | 43 27 | 24 | 17 | 25 10 | 18 1 |
| 7 | 15 | 16 | 29 | 28 | 4 | 4 | 29 | 44 27 | 37 | 12 | 1 | 26 26 |
| 8 | 16 | 17 | 14 | V 24 | 4 | 41 | 29 | 44 27 | 49 | 12 | 45 27 | 43 21 |
| 9 | 17 | 18 | 1 | 5 | 3 | 29 | 44 28 | 1 | 13 | 29 | 28 | 60 22 |
| 10 | 18 | 19 | 7 | 22 | 3 | 10 | 29 | 44 28 | 14 | 14 | 14 | OV 12 24 |
| 11 | 19 | 20 | 9 | 38 | 5 | 3 | 29 | 45 28 | 26 | 14 | 58 | 1 27 |
| 12 | 20 | 21 | 9 | 6 | 19 | 4 | 29 | 44 28 | 39 | 15 | 42 | 2 42 |
| 13 | 21 | 22 | 13 | 31 | 4 | 10 | 29 | 44 28 | 54 | 16 | 20 | 3 57 |
| 14 | 22 | 23 | 25 | 3 | 27 | 29 | 43 29 | 54 | 17 | 11 | 5 12 | OV 47 |
| 15 | 23 | 24 | 7 | V 17 | 2 | 26 | 29 | 43 29 | 57 | 17 | 55 | 2 22 |
| 16 | 24 | 25 | 19 | 19 | 2 | 30 | 29 | 42 29 | 30 | 18 | 39 | 7 43 |
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| 26 | 4 | 37 | 18 | 22 | 4 | 27 | 29 | 30 | 1 | 2 | 26 | 5 20 17 19 43 23 23 |
| 27 | 5 | 38 | 9 | 41 | 3 | 43 | 29 | 28 | 1 | 55 | 26 | 50 21 32 21 15 23 12 |
| 28 | 6 | 39 | 3 | 20 | 2 | 44 | 29 | 26 | 2 | 9 | 27 | 35 22 48 22 46 23 18 |
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The Heliocentric Motions.

Dec. 1771.

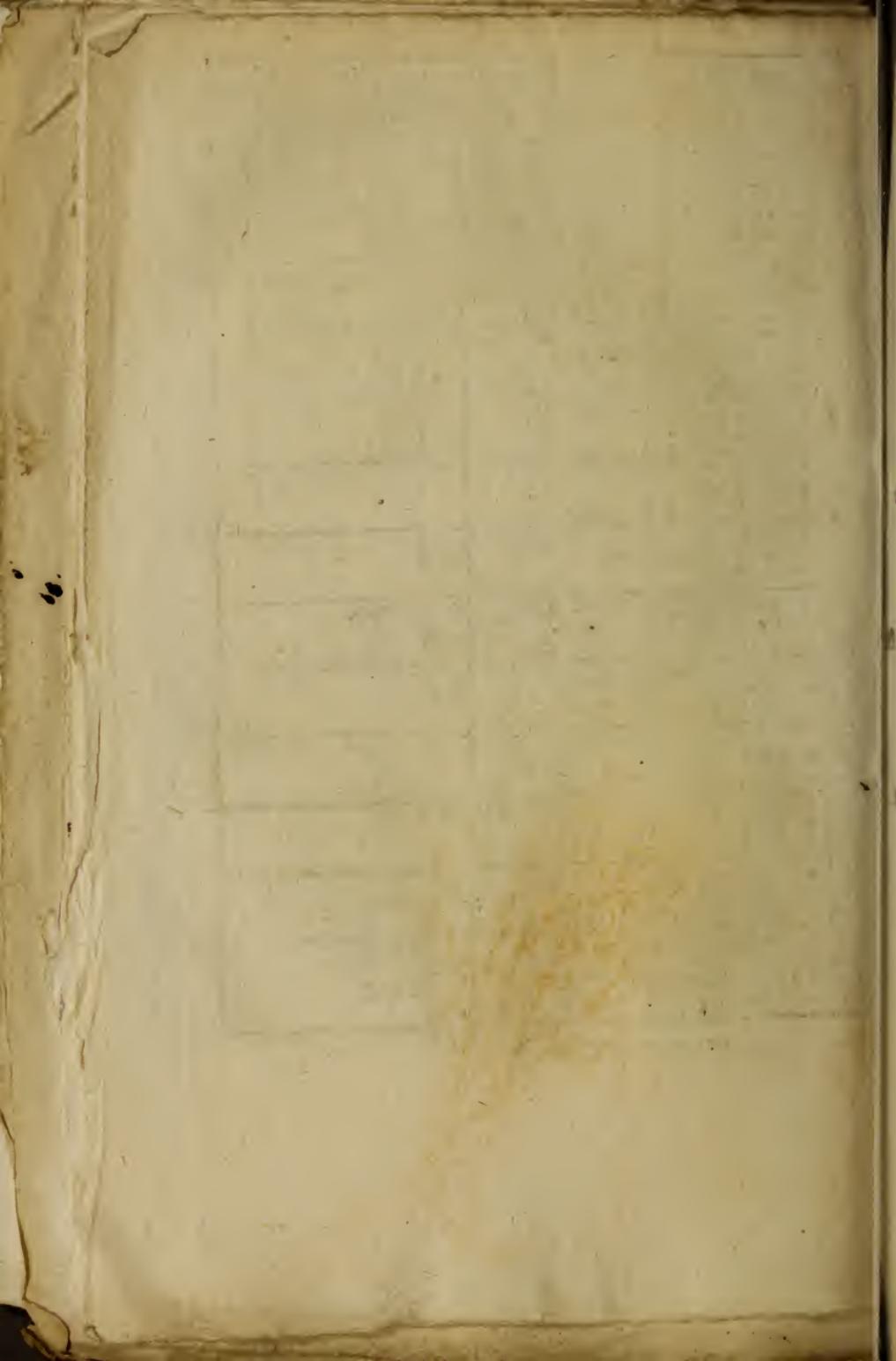
| Date | Time | Cloud | Precip. | Wind | | | Barom. | Temp. | Humidity | Wind Chill | Wind Gust |
|-------|------|-------|---------|------|------|------|--------|-------|----------|------------|-----------|
| | | | | Dir. | Spd. | Gust | | | | | |
| 12 23 | 26 | 4 | 35 | 6 | 37 | 9 | 10.2 | 32 | 72 | 24 | 37 |
| 7 23 | 49 | 5 | 6 | 9 | 52 | 15 | 36.1 | 32 | 72 | 74 | |
| 13 24 | 2 | 5 | 37 | 13 | 9 | 21 | 22.2 | 31 | 73 | 25 | 46 |
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H. W. L. B.

The Larger Effects

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| D. | Day | Order | Value | Size | ④ | h | 4 | δ | 4 | 2 |
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| ② | 9 | 24 | 9 | 52 | * | 4 | | * | 1 | * |
| 3 | 10 | 3 | 11 | 6 | | * | 16 | □ | 10 | |
| 2 | 11 | 29 | | | | | | | | |
| 1 | 12 | 0 | 10 | 0 | 41 | □ | 8 | * | 10 | |
| 5 | 13 | 1 | 9 | 3 | 38 | δ | 21 | | | 685 |
| 6 | 14 | 2 | 6 | 2 | 34 | | | | 685 | 34 |
| 7 | 15 | 2 | 54 | 3 | 13 | □ | 0 | | | |
| ③ | 16 | 3 | 29 | 3 | 45 | | | | | |
| 9 | 17 | 4 | 1 | 4 | 17 | | 6 | 6 | | |
| 10 | 18 | 4 | 4 | 53 | | | | * | 14 | |
| 11 | 19 | 5 | 10 | 5 | 28 | * | c | 8 | 18 | |
| 12 | 20 | 6 | 48 | 6 | 8 | | | | * | 15 |
| 13 | 21 | 6 | 3 | 6 | 52 | □ | 17 | | □ | 6 |
| 14 | 22 | 7 | 18 | 7 | 39 | | * | 8 | □ | 22 |
| ④ | 23 | 8 | 6 | 8 | 33 | | | △ | 23 | □ 23 |
| 16 | 24 | 9 | 2 | 9 | 31 | △ | 10 | △ | 20 | □ 20 |
| 17 | 25 | 10 | 10 | 10 | 32 | | | | △ | 16 |
| 18 | 26 | 11 | 3 | 11 | 33 | | | | △ | 9 |
| 19 | 27 | 0 | 3 | 1 | 1 | □ | 4 | △ | 6 | |
| 20 | 28 | 0 | 31 | 1 | 1 | | | 8 | 21 | |
| 21 | 29 | 1 | 30 | 1 | 58 | 8 | 11 | * | 11 | △ 5 |
| ⑤ | 30 | 2 | 27 | 2 | 48 | | | | | |
| 23 | 31 | 3 | 9 | 3 | 27 | | | 8 | 16 | |
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| 25 | 33 | 4 | 21 | 4 | 42 | △ | 22 | 6 | 14 | δ 24 |
| 26 | 34 | 5 | 4 | 5 | 25 | | | | △ | 7 |
| 27 | 35 | 5 | 46 | 6 | 12 | | △ | 21 | △ | 8 |
| 28 | 36 | 6 | 53 | 7 | 7 | □ | 5 | | | △ 21 |
| ⑥ | 37 | 7 | 36 | 8 | 7 | □ | 20 | | □ | 12 |
| 30 | 38 | 8 | 39 | 9 | 14 | * | 13 | | □ | 12 |
| 31 | 39 | 9 | 40 | 10 | 2 | | | □ | 2 | △ 6 |



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